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UNITED STATES DEPARTMENT OF THE INTERIOR

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Publications of the Geological Survey, 1981

UNITED STATES DEPARTMENT OF THE INTERIOR

March 3, 1849

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UNITED STATES DEPARTMENT OF THE INTERIOR

JAMES G. WATT, *Secretary*

GEOLOGICAL SURVEY

Dallas L. Peck, *Director*

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BOOK PUBLICATIONS

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P 0628. The tectonics of North America – A discussion to accompany the tectonic map of North America, scale 1:5,000,000, by P. B. King. 1969. 94 p. (Reprint.)

P 0716-G. Geology and mineral resources of the Chitral-Partsan area, Hindu Kush Range, northern Pakistan, by J. A. Calkins, S. Jamiluddin, Kamaluddin Bhuyan, and Ahmad Hussain. 1981. p. G1-G33; 2 plates and a table in pocket. (Geological investigations in Pakistan.) (Supersedes Open-file report 80-837.)

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P 0813-P. Summary appraisals of the Nation's ground-water resources – ALASKA, by Chester Zenone and G. S. Anderson. 1978. p. P1-P28. (Reprint.)

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P 0831-C. Geology of the western part of the Harold D. Roberts Tunnel, COLORADO (Stations 0+00 to 690+00), by E. E. Wahlstrom, C. S. Robinson, and V. Q. Hornback. 1981. p. C1-C58; 11 plates in pocket. (Engineering geology of the Harold D. Roberts Tunnel, Colorado.)

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B 1502-B. Stratigraphy of upper Pliocene and lower Pleistocene marine and estuarine deposits of northeastern NORTH CAROLINA and southeastern VIRGINIA, by B. W. Blackwelder. 1981. p. B1-B16; 1 plate. (Contributions to stratigraphy.)

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OF 79-0791. Coal resource occurrence and coal development potential maps of the Three Bar Ranch quadrangle, Powder River County, MONTANA, and Campbell County, WYOMING, by Colorado School of Mines Research Institute. 33 p., 35 over-size sheets, scale 1:24,000 (1 inch = 2,000 feet). (NC, M, Da, Db, U, S.)

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MEXICO, by Dames & Moore. 20 p., 16 over-size sheets, scale 1:24,000 (1 in
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tesville 1° by 2° sheet, by R. J. Hackman and R. E. Thomas. 50 over-size sheet
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OF 80-0300-L. Preliminary geomagnetic data, College Observatory, Fairbanks, AL
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OF 80-0811-C. Chemistry, mineralogy, and K-Ar ages of igneous and metamorphic rocks of the Medfra quadrangle, ALASKA, by E. J. Moll, M. L. Silberman, and W. W. Patton, Jr. 20 p., 2 over-size sheets, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

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OF 80-0892-B. Map and summary table describing mineral deposits in the Valdez quadrangle, southern ALASKA, by G. R. Winkler, R. J. Miller, L. M. MacKevett, Jr., and C. D. Holloway. 2 over-size sheets, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

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OF 80-0905. Analytical results of various types of samples taken in the West Chichagof-Yakobi Wilderness Study Area, Sitka quadrangle, southeastern ALASKA, by T. D. Hessin, W. S. Speckman, G. L. Crenshaw, J. D. Hoffman, and E. F. Cooley. 74 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

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OF 80-0931. Preliminary map showing distribution of altered rocks and limonitic unaltered rocks in the Walker Lake 1° by 2° quadrangle, NEVADA-CALIFORNIA, by L. C. Rowan and T. L. Purdy. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, U, SF, LA; Nevada Bur. Mines and Geol., Univ. Nevada, Reno, NV 89507; California Div. Mines and Geol., Room 1341, Resources Bldg., 1416 Ninth St., Sacramento, CA 95814; Ferry Bldg., San Francisco, CA 94111; and State Office Bldg., 107 South Broadway, Los Angeles, CA 90012.)

OF 80-0942. Geology of the Syncline Ridge area related to nuclear waste disposal, Nevada Test Site, Nye County, NEVADA, by D. L. Hoover and J. N. Morrison. 74 p., 1 over-size sheet, scale 1:36,360 (1 inch = about 3,000 feet). (NC, Da, M, Db, U, SF, LA; Nevada Bur. Mines and Geol., Univ. Nevada, Reno, NV 89507; U.S. Dept. Energy, Bendix Field Eng. Corp., Technical Library (P.O. Box 1569), Grand Junction, CO 81501.)

OF 80-0946. Multichannel seismic-reflection profiles collected in 1978 in the eastern Pacific Ocean off the CALIFORNIA coast south of Point Conception, by D. M. Mann, T. H. McCulloh, and J. K. Crouch. 3 p., 1 over-size sheet, scale 1:500,000 (1 inch = about 8 miles). (NC, Da, M, SF, LA; California Div. Mines and Geol., Room 1341, Resources Bldg., 1416 Ninth St., Sacramento, CA 95814; Ferry Bldg., San Francisco, CA 94111; and State Office Bldg., 107 South Broadway, Los Angeles, CA 90012.)

OF 80-0959. Map showing the potentiometric surface of the Magothy aquifer in southern MARYLAND, September 1979, by F. K. Mack, J. C. Wheeler, and S. E. Curtin. 1 p. (NC; USGS, WRD, 208 Carroll Bldg., 8600 La Salle Rd., Towson, MD 21204.)

OF 80-0960. Water resources and geology of the Los Coyotes Indian Reservation and vicinity, San Diego County, CALIFORNIA, by A. P. Ballog, Jr., and W. R. Moyle, Jr. 29 p., 2 over-size sheets. (NC, M, LA, SF; USGS, WRD, Federal Bldg., Room W-2235, 2800 Cottage Way, Sacramento, CA 95825; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; USGS, WRD, Laguna Federal Bldg., Fifth Floor, 24000 Avila Rd., Laguna Niguel, CA 92677; Public Inquiries Office, 345 Middlefield Rd., Menlo Park, CA 94025.) (Water-Resources Investigations.)

OF 80-0961. Ground-water hydrology of James City County, VIRGINIA, by J. F. Harsh. 82 p., 4 over-size sheets. (NC; USGS, WRD, 200 West Grace St., Room 304, Richmond, VA 23220; Major libraries within the State of Virginia.) (Water-Resources Investigations.)

OF 80-0963. Flood potential of Topopah Wash and tributaries, eastern part of Jackass Flats, Nevada Test Site, southern NEVADA, by R. C. Christensen and N. E. Spahr. 26 p., 1 over-size sheet. (NC, Da, Db; USGS, WRD, Room H-2107, Bldg. 53 (Box 25046, Mail Stop 415), Denver Federal Ctr., Denver, CO 80225; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240.) (Water-Resources Investigations.)

OF 80-0964. Water resources of Prince William Forest Park, VIRGINIA, by G. A. Brown. 2 over-size sheets. (NC; USGS, WRD, 200 West Grace St., Room 304, Richmond, VA 23220.) (Water-Resources Investigations.)

OF 80-0965. Potentiometric surface map for the Cretaceous aquifer, VIRGINIA Coastal Plain, 1978, by H. T. Hopkins, R. F. Bower, J. M. Abe, and J. F. Harsh. 1 over-size sheet. (NC; USGS, WRD, 200 West Grace St., Room 304, Richmond, VA 23220.) (Water-Resources Investigations.)

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OF 80-1222. Map of the Antelope Valley-East Kern Water Agency area, CALIFORNIA, showing ground-water subunits and areas, location of wells, and water level contours for Spring 1979, by C. E. Lamb. 1 over-size sheet. (NC, M, LA, SF; USGS, WRD, Federal Bldg., Room W-2235, 2800 Cottage Way, Sacramento, CA 95825; USGS, WRD, Laguna Federal Bldg., Fifth Floor, 24000 Avila Rd., Laguna Niguel, CA 92677; Public Inquiries Office, 345 Middlefield Rd., Mail Stop 33, Menlo Park, CA 94025.)

OF 80-1223. Data on ground-water quality with emphasis on radionuclides, Sarasota County, FLORIDA, by H. Sutcliffe, Jr., and R. L. Miller. 16 p. (NC; USGS, WRD, 325 John Knox Rd., Suite F-240, Tallahassee, FL 32303; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240.)

OF 80-1228. Geologic strip map of parts of the Bar X Wash, Bryson Canyon, Jim Canyon and San Arroyo Ridge quadrangles, UTAH and COLORADO, showing coal zones and adjacent rocks, by J. L. Gualtieri. 1 over-size sheet, scale 1:50,000 (1 inch = about 4,200 feet). (NC, Da, M, Db, U.)

OF 80-1246. Preliminary report on the geotechnical properties of the Fort Union Formation at Sheridan, WYOMING, by R. A. Farrow. 182 p., 5 over-size sheets. (NC, Da, M, U; Wyoming Geol. Survey, Univ. Wyoming (P.O. Box 3008, Univ. Station), Laramie, WY 82071.)

OF 80-1247. Preliminary chart showing electric log correlation section G-G′ of some Upper Cretaceous and Tertiary rocks, east flank, Rock Springs uplift, Washakie Basin, WYOMING, by T. F. Tyler. 3 over-size sheets. (NC, Da, M, Db, U; Wyoming Geol. Survey, Univ. Wyoming (P.O. Box 3008, Univ. Station), Laramie, WY 82071.)

OF 80-1248. Preliminary chart showing electric log correlation section H-H' of some Upper Cretaceous and Tertiary rocks, south end, Rock Springs uplift, Washakie Basin, WYOMING, by T. F. Tyler. 3 over-size sheets. (NC, Da, M, Db, U; Wyoming Geol. Survey, Univ. Wyoming (P.O. Box 3008, Univ. Station), Laramie, WY 82071.)

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OF 81-0589. Landsat image map of the Al Qunfudhah quadrangle, sheet 19E, Kingdom of Saudi Arabia. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M.)

OF 81-0590. Landsat image map of the Jaza'ir Farasan quadrangle, sheet 16E, Kingdom of Saudi Arabia. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M.)

OF 81-0591. Landsat image map of the Wadi Baysh quadrangle, sheet 17F, Kingdom of Saudi Arabia. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M.)

OF 81-0592. Landsat image map of the Abha quadrangle, sheet 18F, Kingdom of Saudi Arabia. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M.)

OF 81-0593. Bedrock geology of the Nashua River area, MASSACHUSETTS-NEW HAMPSHIRE–Supplement to USGS Miscellaneous Field Studies Map MF- 957 (Bedrock geologic map of the Pepperell, Shirley, Townsend quadrangles, and part of the Ayer quadrangle, Massachusetts and New Hampshire), by G. R. Robinson, Jr. 187 p. (NC; Massachusetts Dept. Public Works, 99 Worcester St., Wellesley, MA 02181.)

OF 81-0594. Analyses and descriptions of geochemical samples, Ellicott Rock Wilderness and additions, SOUTH CAROLINA, NORTH CAROLINA, and GEORGIA, by D. F. Siems, A. L. Meier, R. W. Luce, and Henry Bell III. 34 p. (NC, Da, M; South Carolina Geol. Survey, State Devel. Board, Harbison Forest Rd., Columbia, SC 29210; North Carolina Dept. Nat. Resources and Community Devel., Div. Land Resources (P.O. Box 27687), Raleigh, NC 27611; Georgia Geol. Survey, Room 400, Environmental Protection Div., Dept. Nat. Resources, 19 Martin Luther King Dr., SW., Atlanta, GA 30334.)

OF 81-0595. Analyses and description of geochemical samples, Shining Rock Wilderness, Haywood County, NORTH CAROLINA, by D. F. Siems, A. L. Meier, and F. G. Lesure. 25 p. (NC, Da, M; North Carolina Dept. Nat. Resources and Community Devel., Div. Land Resources (P.O. Box 27687), Raleigh, NC 27611.)

OF 81-0598. Eastern Gas Shales Project (EGSP) data files, by T. S. Dyman. 57 p. (NC, Da, M; Morgantown Energy Tech. Ctr. (P.O. Box 880), Morgantown, WV 26505.)

OF 81-0599. Geochemical and geostatistical evaluation of American Flats-Silverton planning units, San Juan volcanic province, COLORADO, by E. F. Weiland, J. W. Lindemann, R. A. Connors, W. T. Meyers, S. A. Johnson, with an introduction by W. D. Heran. 126 p., 34 over-size sheets, scale 1:50,000 (1 inch = about 4,200 feet). (NC, Da, M, U, Db.)

OF 81-0600. Geology and potential hazards of the Continental Slope between Lindenkohl and South Toms Canyons, offshore mid-Atlantic United States, by J. M. Robb, J. C. Hampson, J. R. Kirby, and D. C. Twichell. 36 p., 3 over-size sheets, scale 1:75,000 (1 inch = about 6,300 feet). (NC, Da, M; USGS, Quissett Campus, Woods Hole, MA 02543.)

OF 81-0602. Lignite geology of the Keene area, McKenzie County, NORTH DAKOTA, by J. M. Spencer. 11 p., 8 over-size sheets, scale 1:63,360 (1 inch = 1 mile). (NC, M, Da, Db, U.)

OF 81-0604. Estimated oil and gas reserves, Gulf of Mexico Outer Continental Shelf and Continental Slope, December 31, 1980, by J. E. Hewitt, J. P. Brooke, J. H. Knipmeyer, and P. Y. Roy. 14 p. (NC, Da, M, Db, U, LA, SF, T; USGS, Room 147, Imperial Office Bldg., 3301 North Causeway Blvd., Metairie, LA 70002.) (Supersedes Open-file report 80-1312.)

OF 81-0609. Dissolution of sphalerite in ferric chloride solution, by Huai Su. 64 p. (NC, Da, M, Db, U, SF.)

OF 81-0610. Map of core holes and selected oil and gas test wells in the Carlsbad Mining District, Eddy and Lea Counties, NEW MEXICO, as of September 1980. 4 over-size sheets, scale 1:31,680 (1 inch = one-half mile). (NC, M, Da, Db, U.) (Supersedes Open-file report 79-251.)

OF 81-0612. Geologic map and coal sections of the Cap quadrangle, Emery County, UTAH, by E. G. Ellis. 3 over-size sheets, scale 1:24,000 (1 inch = 2,000 feet). (NC, M, Da, Db, U.)

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OF 81-0618. Geophysical and lithologic logs of 1980-81 coal drilling in the Warrior coal field, Tuscaloosa, Fayette, and Walker Counties, ALABAMA, by R. W. Hall, Ronald Law, William Markewich, C. A. Horsey, U.S. Geological Survey, and W. E. Ward II and R. L. Barnett, Geological Survey of Alabama. 157 p., 1 over-size sheet, scale 1:100,000 (1 inch = about 1.6 miles). (NC, Da, M; USGS, Conservation Div., Atlantic OCS -Eastern Region, 1725 K St., NW., Suite 213, Washington, DC 20006; Geological Survey of Alabama Library, Tuscaloosa, AL 35486.)

OF 81-0623. Estimated oil and gas reserves, southern CALIFORNIA Outer Continental Shelf, December 31, 1980, by F. F. Kalil. 10 p. (NC, Da, M, Db, LA, SF, T, A.) (Supersedes Open-file report 80-1042.)

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OF 81-0720. Isopach map of Holocene sedimentary units, Norton Sound, ALASKA, 1981, by D. A. Steffy, B. W. Turner, L. D. Lybeck, and J. T. Roe. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, LA, SF, A, S.)

OF 81-0721. Map showing selected geologic features, Norton Sound, ALASKA, 1981, by D. A. Steffy and L. D. Lybeck. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, LA, SF, A, S.)

OF 81-0722. Map showing acoustic anomalies and near-surface faulting, Norton Sound, ALASKA, 1981, by D. A. Steffy and P. J. Hoose. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, Db, U, LA, SF, T, A, S.)

OF 81-0723. Isopach map of Quaternary and upper Tertiary strata of Norton Sound, ALASKA, 1981, by P. J. Hoose, D. A. Steffy, and L. D. Lybeck. 1 over-size sheet, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, LA, SF, A, S.)

OF 81-0724. Newly identified intertonguing between the Star Point Sandstone and the Blackhawk Formation and the correlation of coal beds in the northern part of the Wasatch Plateau, Carbon County, UTAH, by L. F. Blanchard. 3 over-size sheets, scale 1:62,500 (1 inch = about 1 mile). (NC, M, Da, Db, U.)

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OF 81-0727. Lithologic and geophysical logs from three coal exploratory test holes drilled in 1977 and 1979 in the Maverick Spring quadrangle, Fremont County, WYOMING, by R. C. Warlow. 33 p. (NC, Da, M.)

OF 81-0728-C. Maps showing distribution of gold and silver in geochemical samples from Bradfield Canal quadrangle, southeastern ALASKA, by R. D. Koch and R. L. Elliott. 2 over-size sheets, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-0728-D. Maps showing distribution and abundance of copper in geochemical samples from the Bradfield Canal quadrangle, southeastern ALASKA, by R. D. Koch and R. L. Elliott. 4 over-size sheets, scale 1:250,000 (1 inch = about 4 miles) and scale 1:500,000 (1 inch = about 8 miles). (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

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OF 81-0728-I. Maps showing distribution and abundance of beryllium in geochemical samples from the Bradfield Canal quadrangle, southeastern ALASKA, by R. D. Koch and R. L. Elliott. 2 over-size sheets, scale 1:250,000 (1 inch = about 4 miles) and scale 1:500,000 (1 inch = about 8 miles). (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

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OF 81-0847-B. Summaries of data on and lists of references to metallic and nonmetallic mineral occurrences in the Hughes, Kotzebue, Melozitna, Selawik, and Shungnak quadrangles, west-central ALASKA, supplement to Open-file report 75-627. Part B. Lists of references to January 1, 1981, by E. H. Cobb and T. P. Miller. 14 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

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OF 81-0855. Soil resource inventory, order 3, Cache Creek-Little Granite Creek EIS area, Bridger-Teton National Forest, WYOMING, by W. B. Glenn. 55 p. (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

OF 81-0856. Regional geologic map for the Cache Creek-Bear Thrust environmental impact statement, Teton and Sublette Counties, WYOMING, by P. R. Goetze. 1 over-size sheet, scale 1:48,000 (1 inch = 4,000 feet). (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

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OF 81-0859. Report on climate, air quality, and noise for the Cache Creek-Bear Thrust environmental impact statement, by P. R. Kruger. 76 p., 1 over-size sheet, scale 1:48,000 (1 inch = 4,000 feet). (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

OF 81-0860. Helicopter mobilization of oil and gas drilling operations in mountainous areas of western WYOMING, by R. G. Rodriguez and John Luchetta. 219 p. (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

OF 81-0861-A. Cache Creek EIS – Final recreation evaluation study-Volume I, WYOMING, by Wirth Associates. 351 p. (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

OF 81-0861-B. Cache Creek EIS – Final recreation evaluation study-Volume II, WYOMING, by Wirth Associates. 352 p. (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

OF 81-0862. A socioeconomic assessment of the Cache Creek drilling site, WYOMING, by Wyoming Research Corp. 136 p. (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

OF 81-0863. Vegetation analysis for the Cache Creek EIS, Bridger-Teton National Forest, WYOMING, by A. P. Youngblood. 32 p., 2 over-size sheets. (NC, Da; National Agriculture Library, U.S. Dept. Agriculture, NAL Bldg., 10301 Baltimore Blvd., Beltsville, MD 20705; U.S. Forest Service, 340 North Cache St., Jackson, WY 83001; Teton County Library, 320 South King St., Jackson, WY 83001; Rock Springs Public Library, 400 C St., Rock Springs, WY 82901; Laramie County Library, 2800 Central Ave., Cheyenne, WY 82001; Natrona County Library, Documents Dept., Walcott and Second Sts., Casper, WY 82601.)

OF 81-0864. An oilspill risk analysis for the St. George Basin, ALASKA, (Proposed Sale 70) Outer Continental Shelf lease area, by W. B. Samuels and Dorothy Hopkins. 98 p. (Da, M, NC, A.)

OF 81-0865. An oilspill risk analysis for the North Atlantic (proposed sale 52) Outer Continental Shelf lease area, by R. P. LaBelle. 126 p. (Da, M, NC.)

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OF 81-1311. Analog records from an airborne electromagnetic survey (using the Dighem II system) of parts of the Lake City caldera, Hinsdale County, COLORADO, by Dighem Limited with an introduction by W. D. Heran. (NC, Da, M, Db, U.)

OF 81-1312. Oblique map of the southern CALIFORNIA inner continental borderland, by T. R. Alpha. 1 over-size sheet, scale 1:340,000, approximately (1 inch = about 5.5 miles). (NC, Da, M, SF, LA; California Div. Mines and Geol., Room 1341, Resources Bldg., 1416 Ninth St., Sacramento, CA 95814; Ferry Bldg., San Francisco, CA 94111; and State Office Bldg., 107 South Broadway, Los Angeles, CA 90012.)

OF 81-1313-A. Summaries of data on and lists of references to metallic and selected nonmetallic mineral occurrences in the Tanana quadrangle, ALASKA, supplement to Open-file report 77-432. Part A, Summaries of data to June 1, 1981, by E. H. Cobb. 24 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1313-B. Summaries of data on and lists of references to metallic and selected nonmetallic mineral occurrences in the Tanana quadrangle, ALASKA, supplement to Open-file report 77-432. Part B, List of references to June 1, 1981, by E. H. Cobb. 27 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1314. Tabulation of the ostracode assemblages and associated organisms from selected bottom grab samples taken in the northeast Gulf of ALASKA, F.R.S. Townsend Cromwell Cruise IGAL-75-KC, 1975, by E. M. Brouwers. 135 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1316. Geology and petroleum potential of the Norton Basin area, ALASKA, by M. A. Fisher, W. W. Patton, Jr., and M. L. Holmes. 91 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1319. Analyses and descriptions of geochemical samples, Ramseys Draft Wilderness Study Area and addition, Augusta and Highland Counties, VIRGINIA, by J. M. Motooka, C. L. Forn, F. G. Lesure, and D. F. Siems. 44 p. (NC, Da, M; Virginia Div. Mineral Resources (P.O. Box 3667), Charlottesville, VA 22903.)

OF 81-1320. Sketch maps showing areal extent, thickness, and amount of commercial-quality peat in deposits in and near Piscataquis and Somerset Counties and northeastern Aroostook County, MAINE, by C. C. Cameron and M. K. Mullen. 64 p. (NC, Da, M; Maine Geol. Survey, State House Station 22, Augusta, ME 04333.)

OF 81-1324. MINCON, a BASIC program to control temperature and oxygen fugacity in furnaces, by J. S. Huebner. 22 p. (NC, Da, M.)

OF 81-1325. Catalog of earthquakes along the San Andreas fault system in central CALIFORNIA, October-December 1977, by L. Fluty and S. M. Marks. 48 p. (NC, Da, M, SF, LA; California Div. Mines and Geol., Room 1341, Resources Bldg., 1416 Ninth St., Sacramento, CA 95814; Ferry Bldg., San Francisco, CA 94111; and State Office Bldg., 107 South Broadway, Los Angeles, CA 90012.)

OF 81-1327. Bedrock geologic map of MASSACHUSETTS, edited by E-an Zen; compiled by Richard Goldsmith, N. M. Ratcliffe, Peter Robinson, and R. S. Stanley; assisted by N. L. Hatch, Jr., A. F. Shride, E. G. A. Weed, and D. R. Walsh. 40 p., 3 over-size sheets, scale 1:250,000 (1 inch = about 4 miles). (NC, Da, M.)

OF 81-1329. Coal exploratory holes drilled in 1980 in the Birney 1° by .5° quadrangle, Powder River and Big Horn Counties, MONTANA, by W. C. Culbertson. 54 p., 1 over-size sheet. (NC, Da, M, U, Db, S; Montana Bur. Mines and Geol., Montana Coll. Mineral Sci. and Tech., Butte, MT 59701.)

OF 81-1330. Volcanic stratigraphy and secondary mineralization of USGS Pucci geothermal test well, Mount Hood, OREGON, by M. W. Gannett and K. E. Bargar. 27 p. (NC, Da, M, S, SF, LA; Oregon Dept. Geol. and Mineral Industries, Room 1069, State Office Bldg., 1400 SW. Fifth Ave., Portland, OR 97201.)

OF 81-1331. Benthic macrofaunal biomass of San Francisco Bay, CALIFORNIA: January, February, and August 1973, by J. K. Thompson and F. H. Nichols. 40 p. (NC, Da, M, SF, LA; California Div. Mines and Geol., Room 1341, Resources Bldg., 1416 Ninth St., Sacramento, CA 95814; Ferry Bldg., San Francisco, CA 94111; and State Office Bldg., 107 South Broadway, Los Angeles, CA 90012.)

OF 81-1332. Sediment grain-size distribution in San Francisco Bay, CALIFORNIA: January, February, and August 1973, by J. K. Thompson. 34 p. (NC, Da, M, SF, LA; California Div. Mines and Geol., Room 1341, Resources Bldg., 1416 Ninth St., Sacramento, CA 95814; Ferry Bldg., San Francisco, CA 94111; and State Office Bldg., 107 South Broadway, Los Angeles, CA 90012.)

OF 81-1333. X-ray mineralogy of cores from two Guatemalan caldera lakes, by L. J. Poppe, C. K. Paull, and C. G. Newhall. 8 p. (NC, Da, M; USGS, Quissett Campus, Woods Hole, MA 02543.)

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OF 81-1335. Submarine topography and physiography of lower Cook Inlet, ALASKA, by A. H. Bouma. 31 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1340. Availability of foraminifera and palynomorph reports from shothole samples of National Petroleum Reserve in ALASKA, by H. A. Gibson and A. L. Bowsher. 4 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1342-A. Summaries of data on and lists of references to metallic and selected nonmetallic mineral occurrences in the Livengood quadrangle, ALASKA, supplement to Open-file report 76-819. Part A, Summaries to August 1, 1981, by E. H. Cobb. 49 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1342-B. Summaries of data on and lists of references to metallic and selected nonmetallic mineral occurrences in the Livengood quadrangle, ALASKA, supplement to Open-file report 76-819. Part B, Lists of references to August 1, 1981, by E. H. Cobb. 55 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1343-A. Summaries of data on and lists of references to metallic and selected nonmetallic mineral occurrences in the Iliamna, Lake Clark, Lime Hills, and McGrath quadrangles, ALASKA, supplement to Open-file report 76-485. Part A, Summaries to January 1, 1981, by E. H. Cobb and B. L. Reed. 26 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

OF 81-1343-B. Summaries of data on and lists of references to metallic and selected nonmetallic mineral occurrences in the Iliamna, Lake Clark, Lime Hills, and McGrath quadrangles, ALASKA, supplement to Open-file report 76-485. Part B, Lists of references to January 1, 1981, by E. H. Cobb and B. L. Reed. 21 p. (NC, Da, M, A, S, SF, LA; USGS, Room 207, O'Neill Bldg., Univ. Alaska (P.O. Box 80586), Fairbanks, AK 99708; Alaska Div. Geol. and Geophys. Surveys, 3001 Porcupine Dr., Anchorage, AK 99501; and University Ave. (P.O. Box 80007), Fairbanks, AK 99708.)

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OF 81-1351. Correlation of Tertiary rocks penetrated in wells drilled on the southern OREGON Continental Margin, by P. D. Snavely, Jr., H. C. Wagner, and W. W. Rau. 21 p., 1 over-size sheet. (NC, Da, M, S, SF, LA; Oregon Dept. Geol. and Mineral Industries, Room 1069, State Office Bldg., 1400 SW. Fifth Ave., Portland, OR 97201.)

OF 81-1354. Some stratigraphic sections of the Madison Group in the overthrust belt of western WYOMING and southeastern IDAHO, by W. J. Sando and J. T. Dutro, Jr. 100 p. (NC, Da, M, Db, U, S; Wyoming Geol. Survey, Univ. Wyoming (P.O. Box 3008, Univ. Station), Laramie, WY 82071; Idaho Bur. Mines and Geol., Moscow, ID 83843.)

OF 81-1355. Textural composition of shallow cores from the tidal Potomac River and Estuary: 1978 and 1979, by E. A. Martin, J. L. Glenn, A. Varga, J. Benton, E. Gum, and J. Gray. 281 p. (NC, Da, M; USGS (P.O. Box 6732), Corpus Christi, TX 78411; USGS, Quissett Campus, Woods Hole, MA 02543.)

OF 81-1356. Geologic map and coal sections of the Red Point quadrangle, Emery County, UTAH, by E. G. Ellis and J. R. Frank. 3 over-size sheets, scale 1:24,000 (1 inch = 2,000 feet). (NC, M, Da, Db, U.)

Reports Available Only Through the National Cartographic Information Centers

For information on availability and price of these reports, write to the address indicated by a dagger (†) in the listing for the report.

OF 79-0913. Land use and land cover and associated maps for Martin, SOUTH DAKOTA. Lat 43° to 44°, long 100° to 102°. This data set consists of four maps keyed to the USGS topographic map Martin at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, and (4) census county subdivision. Also included is one positive of the cultural base for Martin at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 79-1160. Land use and land cover and associated maps for Athens, GEORGIA, SOUTH CAROLINA. Lat 33° to 34°, long 84° to 86°. This data set consists of four maps keyed to the USGS topographic map Athens at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political units, (3) hydrologic units, and (4) census county subdivision. Also included is one positive of the cultural base for Athens at 1:250,000. (†USGS, Eastern Mapping Ctr. (NCIC-E), National Center, Reston, VA 22092.)

OF 79-1626. Irrigated cropland, 1978, Cherry County, NEBRASKA, by Peter Jonas and Bruce Wright. Lat 42°30′, long 102°. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Valentine (NK 14-4) and Alliance (NK 13-6). (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 79-1627. Irrigated cropland, 1978, Todd County, SOUTH DAKOTA, by Peter Jonas and Bruce Wright. Lat 43°, long 101°. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Martin (NK 14-1) and Valentine (NK 14-4). (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0168. Irrigated cropland, 1978, Hockley and Lamb Counties, TEXAS, by Robert DeAngelis. Lat 34°, long 102°30′. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Clovis (NI 13-6) and Brownfield (NI 13-9). (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25406, Federal Center, Denver, CO 80225.)

OF 80-0169. Irrigated cropland, 1978, Curry County, NEW MEXICO, by Bruce Wright. Lat 34°30′, long 103°30′. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic map Clovis (NI 13-6). (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25406, Federal Center, Denver, CO 80225.)

OF 80-0170. Irrigated cropland, 1978, Texas County, OKLAHOMA, by Bruce Wright. Lat 36°30′, long 101°30′. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Dalhart (NJ 13-12) and Perryton (NJ 14-10). (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0174. Land use and land cover and associated maps for Breton Sound, LOUISIANA. Lat 29° to 30°, long 88° to 90°. This data set consists of three maps keyed to the USGS topographic map Breton Sound at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units. Also included is one positive of the cultural base for Breton Sound at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401). (Supersedes Open-file report 75-246.)

OF 80-0253. Land use and land cover and associated maps for Plainview, TEXAS. Lat 34° to 35°, long 100° to 102°. This data set consists of four maps keyed to the USGS topographic map Plainview at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, (4) census county subdivision. Also included is one positive of the cultural base for Plainview at 1:250,000. (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25046, Federal Center, Denver, CO 80225.)

OF 80-0262. Land use and land cover and associated maps for Dalhart, TEXAS, OKLAHOMA, NEW MEXICO, COLORADO, KANSAS. Lat 36° to 37°, long 102° to 104°. This data set consists of one map keyed to the USGS topographic map Dalhart at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Dalhart at 1:250,000. (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25046, Federal Center, Denver, CO 80225.)

OF 80-0272. Land use and land cover and associated maps for Las Vegas, NEVADA, ARIZONA, CALIFORNIA. Lat 36° to 37°, long 114° to 116°. This data set consists of one map keyed to the USGS topographic map Las Vegas at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Las Vegas at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 80-0498. Land use and land cover and associated maps for Shreveport, LOUISIANA. Lat 32° to 33°, long 92° to 94°. This data set consists of three maps keyed to the USGS topographic map Shreveport at 1:250,000 (1 inch = about 4 miles). The maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political units, and (3) hydrologic units. Also included is one positive of the cultural base for Shreveport at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.) (Supersedes Open-file report 75-237.)

OF 80-0628. Land use and land cover and associated maps for Mariposa, CALIFORNIA, NEVADA. Lat 37° to 38°, long 118° to 120°. This data set consists of one map keyed to the USGS topographic map Mariposa at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Mariposa at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 80-0630. Land use and land cover and associated maps for Duluth, MINNESOTA, WISCONSIN. Lat 46° to 47°, long 92° to 94°. This data set consists of one map keyed to the USGS topographic map Duluth at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Duluth at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0631. Land use and land cover and associated maps for Jackson, MISSISSIPPI, LOUISIANA. Lat 32° to 33°, long 90° to 92°. This data set consists of one map keyed to the USGS topographic map Jackson at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Jackson at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0633. Land use and land cover and associated maps for Lake Charles, LOUISIANA, TEXAS. Lat 30° to 31°, long 92° to 94°. This data set consists of one map keyed to the USGS topographic map Lake Charles at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Lake Charles at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0634. Land use and land cover and associated maps for New Orleans, LOUISIANA. Lat 29° to 30°, long 90° to 92°. This data set consists of one map keyed to the USGS topographic map New Orleans at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for New Orleans at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0636. Land use and land cover and associated maps for Rockford, ILLINOIS, WISCONSIN. Lat 42° to 43°, long 88° to 90°. This data set consists of one map keyed to the USGS topographic map Rockford at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Rockford at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0637. Land use and land cover and associated maps for Tawas City, MICHIGAN. Lat 44° to 45°, long 82° to 84°. This data set consists of one map keyed to the USGS topographic map Tawas City at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Tawas City at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0638. Irrigated cropland, 1978, Laramie County, WYOMING, by Thomas Johnson. Lat 41°, long 105°. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Cheyenne (NK 13-8) and Greeley (NK 13-11). (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25406, Federal Center, Denver, CO 80225.)

OF 80-0639. Irrigated cropland, 1978, Kit Carson, Phillips, and Yuma Counties, COLORADO, by Thomas Johnson. Lat 40°, long 102°30′. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Sterling (NK 13-12) and Limon (NJ 13-3). (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25406, Federal Center, Denver, CO 80225.)

OF 80-0640. Irrigated cropland, 1978, Cheyenne and Sherman Counties, KANSAS, by Robert Johnson. Lat 39°30′, long 102°. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Goodland (NJ 14-1), Limon (NJ 13-3), McCook (NK 14-10), and Sterling (NK 13-12). (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0641. Irrigated cropland, 1978, Chase, Dundy, and Perkins Counties, NEBRASKA, by Robert Johnson. Lat 40°30′, long 102°. Scale 1:250,000 (1 inch = about 4 miles). The cultural base component of this map was derived from portions of the USGS 1:250,000 topographic maps Goodland (NJ 14-1), Limon (NJ 13-3), McCook (NK 14-10), North Platte (NK 14-7), Scottsbluff (NK 13-9), and Sterling (NK 13-12). (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-0854. Land use and land cover and associated maps for Alexandria, LOUISIANA and TEXAS. Lat 31° to 32°, long 92° to 94°. This data set consists of three maps keyed to the USGS topographic map Alexandria at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political units, and (3) hydrologic units. Also included is one positive of the cultural base for Alexandria at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.) (This map set supersedes Open-file map set 75-239.)

OF 80-0855. Land use and land cover and associated maps for Natchez, MISSISSIPPI, LOUISIANA. Lat 31° to 32°, long 90° to 92°. This data set consists of three maps keyed to the USGS topographic map Natchez at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units. Also included is one positive of the cultural base for Natchez at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401). (Supersedes Open-file report 77-387.)

OF 80-0856. Land use and land cover and associated maps for Needles, CALIFORNIA, ARIZONA. Lat 34° to 35°, long 114° to 116°. This data set consists of one map keyed to the USGS topographic map Needles at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Needles at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 80-0857. Land use and land cover and associated maps for Salton Sea, CALIFORNIA, ARIZONA. Lat 33° to 34°, long 114° to 116°. This data set consists of one map keyed to the USGS topographic map Salton Sea at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Salton Sea at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 80-0858. Land use and land cover and associated maps for Klamath Falls, OREGON, CALIFORNIA. Lat 42° to 43°, long 120° to 122°. This data set consists of one map keyed to the USGS topographic map Klamath Falls at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Klamath Falls at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 80-0859. Land use and land cover and associated maps for Death Valley, CALIFORNIA, NEVADA. Lat 36° to 37°, long 116° to 118°. This data set consists of one map keyed to the USGS topographic map Death Valley at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Death Valley at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 80-0875. Land use and land cover and associated maps for Redding, CALIFORNIA. Lat 40° to 41°, long 122° to 124°. This data set consists of one map keyed to the USGS topographic map Redding at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Redding at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 80-1203. Land use and land cover and associated maps for Memphis, TENNESSEE, ARKANSAS, MISSOURI. Lat 35° to 36°, long 90° to 92°. This data set consists of one map keyed to the USGS topographic map Memphis at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base of Memphis at 1:250,000. (†USGS, Mid- Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-1301. Land use and land cover and associated maps for Thief River Falls, MINNESOTA, NORTH DAKOTA. Lat 48° to 49°, long 96° to 98°. This data set consists of one map keyed to the USGS topographic map Thief River Falls at 1:250,000 (1 inch = about 4 miles). The map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Thief River Falls at 1:250,000 (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 80-2027. Land use and land cover and associated maps for Goldfield, NEVADA, CALIFORNIA. Lat 37° to 38°, long 116° to 118°. This data set consists of one map keyed to the USGS topographic map Goldfield at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Goldfield at 1:250,000. (†USGS, Western Mapping Ctr. (NCIC-W), 345 Middlefield Rd., Menlo Park, CA 94025.)

OF 81-0003. Land use and land cover and associated maps for Chattanooga, TENNESSEE, NORTH CAROLINA. Lat 35° to 36°, long 84° to 86°. This data set consists of four maps keyed to the USGS topographic map Chattanooga at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, (4) census county subdivision. Also included is one positive of the cultural base for Chattanooga at 1:250,000. (†USGS, Eastern Mapping Ctr. (NCIC-E), National Center, Reston, VA 22092.)

OF 81-0004. Land use and land cover and associated maps for Columbia, TENNESSEE, ALABAMA. Lat 35° to 36°, long 86° to 88°. This data set consists of four maps keyed to the USGS topographic map Columbia at 1:250,000 (1 inch = about 4 miles). The maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political units, (3) hydrologic units, and (4) census county subdivision. Also included is one positive of the cultural base for Columbia at 1:250,000. (†USGS, Eastern Mapping Ctr. (NCIC-E), National Center, Reston, VA 22092.)

OF 81-0005. Land use and land cover and associated maps for Corbin, KENTUCKY, TENNESSEE. Lat 36° to 37°, long 84° to 86°. This data set consists of four maps keyed to the USGS topographic map Corbin at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, and (4) census county subdivision. Also included is one positive of the cultural base for Corbin at 1:250,000. (†USGS, Eastern Mapping Ctr. (NCIC-E), National Center, Reston, VA 22092.)

OF 81-0007. Land use and land cover and associated maps for Louisville, KENTUCKY, INDIANA, OHIO. Lat 38° to 39°, long 84° to 86°. This data set consists of four maps keyed to the USGS topographic map Louisville at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, and (4) census county subdivision. Also included is one positive of the cultural base for Louisville at 1:250,000. (†USGS, Eastern Mapping Ctr. (NCIC-E), National Center, Reston, VA 22092.)

OF 81-0009. Land use and land cover and associated maps for Vincennes, INDIANA, ILLINOIS, KENTUCKY. Lat 38° to 39°, long 86° to 88°. This data set consists of four maps keyed to the USGS topographic map Vincennes at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, (4) census county subdivision. Also included is one positive of the cultural base for Vincennes at 1:250,000. (†USGS, Eastern Mapping Ctr. (NCIC-E), National Center, Reston, VA 22092.)

OF 81-0011. Land use and land cover and associated maps for Perryton, TEXAS, OKLAHOMA, KANSAS. Lat 36° to 37°, long 100° to 102°. This data set consists of four maps keyed to the USGS topographic map Perryton at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, (4) census county subdivision. Also included is one positive of the cultural base for Perryton at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 81-0015. Land use and land cover and associated maps for Cheyenne, WYOMING, NEBRASKA, COLORADO. Lat 41° to 42°, long 104° to 106°. This data set consists of four maps keyed to the USGS topographic map Cheyenne at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, (4) census county subdivision. Also included is one positive of the cultural base for Cheyenne at 1:250,000. (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25046, Federal Center, Denver, CO 80225.)

OF 81-0017. Land use and land cover and associated maps for New Ulm, MINNESOTA. Lat 44° to 45°, long 94° to 96°. This data set consists of one map keyed to the USGS topographic map New Ulm at 1:250,000. (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for New Ulm at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 81-0018. Land use and land cover and asociated maps for Roseau, MINNESOTA. Lat 48° to 49°, long 94° to 96°. This data set consists of one map keyed to the USGS topographic map Roseau at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Roseau at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 81-0308. Land use and land cover and associated maps for Cincinnati, OHIO, INDIANA, KENTUCKY. Lat 39° to 40°, long 84° to 86°. This data set consists of four maps keyed to the USGS topographic map Cincinnati at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, and (4) census county subdivision. Also included is one positive of the cultural base for Cincinnati at 1:250,000. (†USGS, Eastern Mapping Ctr. (NCIC-E), National Center, Reston, VA 22092.)

OF 81-0622. Land use and land cover and associated maps for Valentine, NEBRASKA, SOUTH DAKOTA. Lat 42° to 43°, long 100° to 102°. This data set consists of four maps keyed to the USGS topographic map Valentine at 1:250,000 (1 inch = about 4 miles). These maps are coded for statistical data development. The maps are (1) land use and land cover, (2) political unit, (3) hydrologic units, and (4) census county subdivision. Also included is one positive of the cultural base for Valentine at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 81-0702. Land use and land cover and associated maps for Bemidji, MINNESOTA. Lat 47° to 48°, long 94° to 96°. This data set consists of one map keyed to the USGS topographic map Bemidji at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Bemidji at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 81-0703. Land use and land cover and associated maps for Brainerd, MINNESOTA. Lat 46° to 47°, long 94° to 96°. This data set consists of one map keyed to the USGS topographic map Brainerd at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Brainerd at 1:250,000. (†USGS, Mid-Continent Mapping Ctr. (NCIC-M), 1400 Independence Rd., Rolla, MO 65401.)

OF 82-0004. Land use and land cover and associated maps for Torrington, WYOMING, NEBRASKA. Lat 42° to 43°, long 104° to 106°. This data set consists of one map keyed to the USGS topographic map Torrington at 1:250,000 (1 inch = about 4 miles). This map is coded for statistical data development. The map is (1) land use and land cover. Also included is one positive of the cultural base for Torrington at 1:250,000. (†USGS, Rocky Mountain Mapping Ctr. (NCIC-R), Box 25046, Federal Center, Denver, CO 80225.)

Reports Available Only Through Certain Geological Survey Field Offices

For information on availability and price of these reports, write to the address indicated by a dagger (†) in the listing for the report.

OF 79-1329. Preliminary hydrogeologic investigation of the Maxey Flats radioactive waste burial site, Fleming County, KENTUCKY, by H. H. Zehner. 120 p., 2 over-size sheets. (NC; USGS, WRD, Room 572, Federal Bldg., 600 Federal Place, Louisville, KY 40202.) †A limited number of reports are available on request from the USGS, WRD, Room 572, Federal Bldg., 600 Federal Place, Louisville, KY 40202. (Water-Resources Investigations.)

OF 80-0320. Minisparker profiles from Jeffreys Ledge and adjacent areas in the western Gulf of Maine, by D. M. Eskenasy and N. G. Bailey. 2 p. description of data. (NC, Da, M.) Original records may be inspected at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 80-0509. Single-channel seismic-reflection profiles from MASSACHUSETTS coastal waters and the western part of Georges Bank, by D. M. Eskenasy. 2 p. description of data. (NC, Da, M.) Original records may be inspected at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 80-0550. High-resolution seismic-reflection profiles and sediment samples from western Lake Ontario, NEW YORK, by D. R. Hutchinson. 2 p. (NC, Da, M.) (The seismic profiles and samples may be inspected at the U.S. Geological Survey Data Library, Woods Hole, MA 02543. †Copies of maps, scans, and profiles may be purchased only from the National Geophysical and Solar-Terrestrial Data Ctr. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.)

OF 80-0626. Outer Continental Shelf oil and gas activities in the South Atlantic (United States) and their onshore impacts: A summary report, July 1980, by J. B. Jackson. 62 p. †The Open-file report can be obtained only from Outer Continental Shelf Information Office, Mail Stop 640, USGS, National Ctr., Reston, VA 22092.

OF 80-0645. Outer Continental Shelf oil and gas activities in the Pacific (Southern California) and their onshore impacts: A summary report, May 1980, by G. S. Macpherson and Janis Bernstein. 134 p. †The Open-file report can be obtained only from Outer Continental Shelf Information Office, Mail Stop 640, USGS, National Ctr., Reston, VA 22092.

OF 80-0752. Shallow ground-water conditions and vegetation classification, central Volusia County, FLORIDA, by E. P. Simonds, Jr., B. F. McPherson, and P. W. Bush. 34 p. (NC, Da, M; USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303; USGS, Suite 216, 80 North Hughey Ave., Orlando, FL 32801; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Libraries of the State University System of Florida.) †A limited number of reports are available on request from the WRD District Office, USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303. Telephone (904) 946-4251. (Water-Resources Investigations.)

OF 80-0956. Quality of ground water in Routt County, northwestern COLORADO, by K. J. Covay and R. L. Tobin. 72 p. (NC, Da, Db; USGS, WRD, Room H-2107, Bldg. 53 (Box 25046, Mail Stop 415), Denver Federal Ctr., Denver, CO 80225; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Routt County Dept. Environmental Health, Routt County Courthouse, Steamboat Springs, CO 80477.) †Limited copies are available from the District Office, USGS, WRD, Room H-2107, Bldg. 53 (Box 25046, Mail Stop 415), Denver Federal Ctr., Denver, CO 80225.

OF 80-1214. Techniques for estimating magnitude and frequency of floods for WISCONSIN streams, by D. H. Conger. 245 p. (NC, Da, M, W; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC, 20240; USGS, WRD, Room 200, 1815 University Ave., Madison, WI 53706.) †A limited number of copies are available from the District Office, USGS, WRD, Room 200, 1815 University Ave., Madison, WI 53706. (Water-Resources Investigations.)

OF 80-1265. Single-channel seismic-reflection profiles collected on the northern Blake Plateau, 29 September to 19 October 1978, by Peter Popenoe. 4 p. (NC, Da, M.) (Original records may be examined at the USGS offices, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.)

OF 80-1278. Investigation of March 1980 blowout and fire, lease OCS-G 2433, High Island Block A-368, Gulf of Mexico off the Texas coast, by D. J. Bourgeois, M. V. Adams, R. J. Melancon, G. D. Rhodes, W. P. Penney, and J. W. Boller. 47 p. (NC, Da, M; USGS, 3301 North Causeway Blvd. (P.O. Box 7944), Metairie, LA 70010.)†Copies available from USGS, Conservation Div., Mail Stop 640, National Ctr., Reston, VA 22092.

OF 80-1288. Generalized thickness of the Floridan aquifer, Southwest FLORIDA Water Management District, by R. M. Wolansky and J. M. Garbade. 1 over-size sheet. (NC, Da, M; USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303; USGS, Suite B-5, 4710 Eisenhower Blvd., Tampa, FL 33614; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Libraries of the State University System of Florida.) †A limited number of reports are available on request from the USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303. (Water-Resources Investigations.)

OF 80-1294. Activities in IDAHO: Status of projects, fiscal year 1980, by L. K. Channel. 41 p. (NC, M; USGS, WRD, Box 036, Federal Bldg., 550 West Fort St., Boise, ID 83724.) †Copies of this report can be obtained only from USGS, WRD, Box 036, Federal Bldg., 550 West Fort St., Boise, ID 83724. Telephone (208) 554- 1750.

OF 80-1300. Digital model simulation of the hydrologic flow system, with emphasis on ground water in Spokane Valley, WASHINGTON and IDAHO, by E. L. Bolke and J. J. Vaccaro. 52 p. (NC, M; USGS, WRD, 1201 Pacific Ave., Suite 600, Tacoma, WA 98402.) †A limited number of copies are available from the District Office, USGS, WRD, 1201 Pacific Ave., Suite 600, Tacoma, WA 98402. (Water-Resources Investigations.)

OF 81-0026. Mapsat conceptual design – system overview, by A. P. Colvocoresses. 1 p. (F, Da, M, NC.) †Copies available from: EROS Coordinator, USGS, National Ctr., Mail Stop 522, Reston, VA 22092.

OF 81-0069. Low-flow frequency data for selected stream gaging stations in FLORIDA, by G. H. Hughes. 110 p. (NC, Da, M; USGS, Suite F- 240, 325 John Knox Rd., Tallahassee, FL 32303; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Libraries of the State University System of Florida.) †A limited number of reports are available on request from the WRD District Office, USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303. Telephone (904) 946-4251. (Water-Resources Investigations.)

OF 81-0073. Effects of residential wastewater treatment systems on ground-water quality in west-central Jefferson County, COLORADO, by D. C. Hall, D. E. Hillier, Edward Nickum, and W. G. Dorrance. 116 p. (NC, Da, Db; USGS, WRD, Room H-2103, Bldg. 53 (Box 25046, Mail Stop 415), Denver Federal Ctr., Denver, CO 80225; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240.) †A limited number of copies are available from USGS, WRD, Room H-2103, Bldg. 53 (Box 25046, Mail Stop 415), Denver Federal Ctr., Denver, CO 80225. (Water-Resources Investigations.)

OF 81-0131. Hydrologic description of Lake Hancock, Polk County, FLORIDA, by K. M. Hammett, L. J. Snell, and B. F. Joyner. 1 over- size sheet. (NC, Da, M; USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303; USGS, Suite B-5, 4710 Eisenhower Blvd., Tampa, FL 33614; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Libraries of the State University System of Florida.) †A limited number of copies are available from USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303. (Water-Resources Investigations.)

OF 81-0164. Map showing the location of known solid waste disposal sites in Fairfax County and vicinity, VIRGINIA, by T. A. Lewis. 1 over- size sheet, scale 1:48,000 (1 inch = 4,000 feet). (NC; Environment and Tech. Services Br., Office of Comprehensive Planning, Fairfax County, 4100 Chain Bridge Rd., Fairfax, VA 22030.) †Copies of this report can be obtained only from Environment and Tech. Services Br., Office of Comprehensive Planning, Fairfax County, 4100 Chain Bridge Rd., Fairfax, VA 22030.

OF 81-0174. Seismic-reflection and sidescan-sonar data collected on the Potomac River, MARYLAND and VIRGINIA, during May 1979, by H. J. Knebel. 6 p. (NC, Da, M.) Original records may be examined at the USGS offices, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0184. Seismic-reflection and sidescan-sonar data collected off eastern Cape Cod, MASSACHUSETTS, during April 1979, by H. J. Knebel. 2 p. (NC, Da, M.) Original records may be examined at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0205. Potentiometric surface of the Floridan aquifer in the Northwest FLORIDA Water Management District, May 1980, by J. C. Rosenau and R. S. Milner. 1 over-size sheet. (NC, Da, M; USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303; USGS, Suite L-103, 325 John Knox Rd., Tallahassee, FL 32303; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Libraries of the State University System of Florida.) †A limited number of reports are available on request from the USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303. Telephone (904) 946-4251. (Water-Resources Investigations.)

OF 81-0211. Potentiometric surface of the Floridan aquifer in the Suwannee River Water Management District, FLORIDA, May 1980, by J. C. Rosenau and R. S. Milner. 1 over-size sheet. (NC, Da, M; USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303; USGS, Suite L-103, 325 John Knox Rd., Tallahassee, FL 32303; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Libraries of the State University System of Florida.) †A limited number of reports are available on request from the USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303. Telephone (904) 946-4251. (Water-Resources Investigations.)

OF 81-0348. Water-resources investigations of the U.S. Geological Survey in KANSAS – Fiscal years 1979 and 1980, by H. E. McGovern and L. J. Combs. 107 p. (NC; USGS, WRD, 1950 Ave. A, Campus West, Univ. Kansas, Lawrence, KS 66045; USGS, WRD, 206 Fulton Terrace, Garden City, KS 67846.) †A limited number of reports are available on request from USGS, WRD, 1950 Ave. A, Campus West, Univ. Kansas, Lawrence, KS 66045. Telephone (913) 752-2300.

OF 81-0358. High-resolution seismic-reflection profiles from the Duxbury, MASSACHUSETTS, area, by K. F. Parolski. 2 p. (NC, Da, M; USGS, Quissett Campus, Woods Hole, MA 02543.) Original records may be examined at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0375. Single-channel seismic-reflection profiles and sidescan-sonar records collected by the R/V NEECHO, cruise NE 79-06, on the inner shelf east of Cape Cod, MASSACHUSETTS, by D. C. Twichell. 2 p. (NC, Da, M.) Original records may be examined at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0400. Single-channel, high-resolution seismic data from six areas of the northern Gulf of Mexico Continental Slope, by J. L. Kindinger and A. H. Bouma. 2 p. (NC, Da, M.) Original records may be examined at the USGS office, 6300 Ocean Dr. (P.O. Box 6732), Corpus Christi, TX 78411. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0403. Hydrology of Area 35, Eastern Region, Interior coal province, ILLINOIS and KENTUCKY, by E. E. Zuehls, G. L. Ryan, D. B. Peart, and K. K. Fitzgerald. 82 p. (NC; USGS, WRD, Champaign County Bank Plaza, 102 East Main St., Fourth Floor, Urbana, IL 61801.) †A limited number of copies are available from the District Office, USGS, WRD, Champaign County Bank Plaza, 102 East Main St., Fourth Floor, Urbana, IL 61801. (Water-Resources Investigations.)

OF 81-0423. Hydrology of Area 33, Eastern Region, Interior coal province, southwestern INDIANA and northern KENTUCKY, by D. J. Wangsness, C. G. Crawford, W. G. Wilber, R. L. Miller, L. D. Arihood, and L. J. Nutter. 149 p. (NC; USGS, WRD, 1819 North Meridian St., Indianapolis, IN 46202.) †A limited number of copies are available from the District Office, USGS, WRD, 1819 North Meridian St., Indianapolis, IN 46202. (Water-Resources Investigations.)

OF 81-0425. Digital-model simulation of the Toppenish alluvial aquifer, Yakima Indian Reservation, WASHINGTON, by E. L. Bolke and J. A. Skrivan. 44 p. (NC, M; USGS, WRD, 1201 Pacific Ave., Suite 600, Tacoma, WA 98402.) †A limited number of copies are available from the District Office, USGS, WRD, 1201 Pacific Ave., Suite 600, Tacoma, WA 98402. (Water-Resources Investigations.)

OF 81-0438. Single-channel seismic-reflection profiles and sidescan-sonar records collected on Georges Bank, by D. C. Twichell. 2 p. (NC, Da, M.) Original records may be examined at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0467. Samples from the United States eastern Continental Margin collected by the USGS, by W. M. Ferrebee and D. K. McElroy. 3 p. (NC, Da, M.) Samples and detailed descriptions can be seen at the USGS offices at Woods Hole, MA 02543. †Information from the inventory can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0477. Map showing bathymetry and aquatic plants of Lake Waramaug, CONNECTICUT, by K. P. Kulp. 1 over-size sheet. (NC; USGS, WRD, 135 Hugh St., Room 235, Hartford, CT 06103.) †A limited number of copies are available from the District Office, USGS, WRD, 135 Hugh St., Room 235, Hartford, CT 06103. (Water-Resources Investigations.)

OF 81-0487. Water resources of the Rincon and Mesilla Valleys and adjacent areas, NEW MEXICO, by C. A. Wilson, R. R. White, B. R. Orr, and R. G. Roybal. 447 p. (NC, Da, Db, T; USGS, WRD, Room 815, Western Bank Bldg., 505 Marquette, NW. (P.O. Box 26659), Albuquerque, NM 87125; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240.) †A limited number of copies are available from the District Office, USGS, WRD, Room 815, Western Bank Bldg., 505 Marquette, NW. (P.O. Box 26659), Albuquerque, NM 87125.

OF 81-0493. A wind powered, ground-water monitoring installation at a radioactive waste management site in IDAHO, by J. C. Bagby, G. E. Ghering, R. G. Jensen, and J. T. Barraclough. 46 p. (NC, Da, M; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Public Document Room, Dept. of Energy, Operations Office, 550 Second St., Idaho Falls, ID 83401; Univ. of Idaho Library, Moscow, ID 83843; Idaho State Univ. Library, Pocatello, ID 83209; and Boise State Univ. Library, 1910 College Blvd., Boise, ID 83725.) †A limited number of reports are available on request from the USGS, WRD, CF-690, Room 164 (P.O. Box 2230), Idaho National Eng. Lab., Idaho Falls, ID 83401. Telephone (208) 583-2717. (Water-Resources Investigations.)

OF 81-0526. Hydrologic conditions at the Idaho National Engineering Laboratory, IDAHO, emphasis: 1974-1978, by J. T. Barraclough, B. D. Lewis, and R. G. Jensen. 122 p. (NC; USGS, WRD, CF-690, Room 164 (P.O. Box 2230), Idaho National Engineering Laboratory, Idaho Falls, ID 83401; Public Document Room, DOE, Operations Office, 550 Second St., Idaho Falls, ID 83401. †A limited number of reports are available on request from the Project Office, USGS, WRD (P.O. Box 2230), INEL, CF-690, Idaho Falls, ID 83401. Telephone (208) 583-2438.

OF 81-0541. Appearance and water quality of turbidity plumes created by dredging in Tampa Bay, FLORIDA, by C. R. Goodwin and D. M. Michaelis. 147 p. (NC, Da, M; USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303; USGS, Suite B-5, 4710 Eisenhower Blvd., Tampa, FL 33614; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240; Libraries of the State University System of Florida.) †A limited number of copies are available from the District Office, USGS, Suite F-240, 325 John Knox Rd., Tallahassee, FL 32303. (Water-Resources Investigations.)

OF 81-0554. Mid-range sidescan-sonar images covering parts of proposed tracts for OCS lease sale 56 and contiguous areas, Manteo, Cape Fear, and adjacent quadrangles off NORTH CAROLINA, by Peter Popenoe, K. V. Cashman, Dale Chayes, and W. B. F. Ryan. 6 p., including 4 small-scale maps showing tracklines. (NC, Da, M.) Original records may be examined at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0608. Multispatial data acquisition and processing, by A. P. Colvocoresses. 2 p. (F, Da, M, NC.) †Copies available from: EROS Coordinator, USGS, National Ctr., Mail Stop 520, Reston, VA 22092.

OF 81-0704. Research and development program–Conservation Division OCS oil and gas operations–Technical report-1981. J. B. Gregory, compiler. 110 p. (NC, M, Da, LA, A, T; Conservation Div., Altantic OCS, Eastern Region, 1725 K St., NW., Suite 204, Washington, DC 20006; USGS, 3301 North Causeway Blvd. (P.O. Box 7944), Metairie, LA 70011; U.S. Dept. of Interior, Natural Resources Library, Gifts and Exchange Sect., 18th and C Sts., NW., Washington, DC 20240.) †Single copies are available on request from Conservation Div., USGS, Mail Stop 620, Room 1P119, National Ctr., Reston, VA 22092.

OF 81-0706. Investigation of August 1980 blowout and fire, lease OCS-G 4065 Matagorda Island Block 669, Gulf of Mexico off the TEXAS coast, by D. J. Bourgeois, R. J. Melancon, W. H. Martin, and P. McDonald. 29 p. (NC, M, Da, LA, A, T; USGS, 1725 K St., NW., Suite 204, Washington, DC 20006; USGS, 3301 North Causeway Blvd. (P.O. Box 7944), Metairie, LA 70011.) †Single copies are available upon request from USGS, Conservation Div., Mail Stop 640, National Ctr., Reston, VA 22092. Telephone (703) 860-6831.

OF 81-0712. Investigation of August 1980 blowout and fire, lease OCS-G 2271 Vermilion Block 348, Gulf of Mexico off the LOUISIANA coast, by R. H. Darrow, M. J. Hebert, C. J. Schoennagel, Jr., and D. J. Bourgeois. 14 p. (NC, M, Da, LA, A, T; USGS, 1725 K St., NW., Suite 204, Washington, DC 20006; USGS, 3301 North Causeway Blvd. (P.O. Box 7944), Metairie, LA 70011.) †Single copies are available upon request from USGS, Conservation Div., Mail Stop 640, National Ctr., Reston, VA 22092. Telephone (703) 860-6831.

OF 81-0726. Multichannel seismic profiles collected by the Teledyne Exploration Company in 1977 south of Cape Hatteras, NORTH CAROLINA, by L. E. Gilbert and W. P. Dillon. 3 p. (NC, Da, M.) Original records may be examined at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-0868. Investigation of January 1981 blowout and fire, High Island Block 38, east addition, Gulf of Mexico, by J. C. Sandridge, E. C. Smith, M. I. Stewart, and R. C. Melancon. 11 p. (NC, M, Da, LA, A, T; USGS, 1725 K St., NW., Suite 204, Washington, DC 20006; USGS, 3301 North Causeway Blvd. (P.O. Box 7944), Metairie, LA 70011.) †Single copies are available upon request from USGS, Conservation Div., Mail Stop 640, National Ctr., Reston, VA 22092. Telephone (703) 860-6831.

OF 81-1127. Sidescan-sonar data collected during May 1978 from the southern New England Continental Shelf, by C. E. McClennen. 2 p. (NC, Da, M.) The original records may be examined at the USGS offices, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

OF 81-1328. Description of mid-range sidescan-sonar data from the Continental Slope, offshore NEW JERSEY, collected by R.V. GYRE, Cruise 80-G-8A, by J. M. Robb, W. B. F. Ryan, and J. C. Hampson, Jr. 8 p. (NC, Da, M.) Original records may be examined at the USGS office, Quissett Campus, Woods Hole, MA 02543. †Copies of those records can be purchased only from the National Geophysical and Solar-Terrestrial Data Center. Write to NOAA/EDIS/NGSDC, Code D621, 325 Broadway, Boulder, CO 80303. Telephone (303) 497-6338.

MAPS

Geologic maps are available folded except for some wall maps that are available unfolded only.

GEOLOGIC QUADRANGLE MAPS

GQ-0380. Geology of the Sugar House quadrangle, Salt Lake County, UTAH, by M. D. Crittenden, Jr. 1965. Lat 40°37'30" to 40°45', long 111°45' to 111°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 31 by 33 inches. (Reprint.)

GQ-1532. Geologic map of the Telescope Peak quadrangle, CALIFORNIA, by A. L. Albee, T. C. Labotka, M. A. Lanphere, and S. D. McDowell. 1981. Lat 36° to 36°15', long 117° to 117°15'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 32 by 38 inches.

GQ-1533. Geologic map of the McCarthy C-7 quadrangle, ALASKA, by G. R. Winkler and E. M. MacKevett, Jr. 1981. Lat 61°30' to 61°45', long 143°15' to 143°37'30". Scale 1:63,360 (1 inch = 1 mile). Sheet 32 by 38 inches.

GQ-1542. Geologic map of the Honaker quadrangle, Russell, Tazewell, and Buchanan Counties, VIRGINIA, by C. R. Meissner Jr., and R. L. Miller. 1981. Lat 37° to 37°07'30", long 81°52'30" to 82°. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 34 by 44 inches. (Supersedes Open-file report 79-528.)

GQ-1543. Geologic map of the Gilmore quadrangle, Lemhi and Custer Counties, IDAHO, by E. T. Ruppel and D. A. Lopez. 1981. Lat 44°15' to 44°30', long 113°15' to 113°30'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 30 by 41 inches.

GQ-1545. Geologic map of the Mount Whitney quadrangle, Inyo and Tulare Counties, CALIFORNIA, by J. G. Moore. 1981. Lat 36°30' to 36°45', long 118°15' to 118°30'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 23 by 33 inches.

GQ-1546. Geologic map of the Shady Spring quadrangle, Raleigh and Summers Counties, WEST VIRGINIA, by C. R. Meissner, Jr. 1981. Lat 37°37'30" to 37°45', long 81° to 81°07'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 32 by 33 inches. (Supersedes Open-file report 79-1512.)

GQ-1547. Geologic map of the Crumpler quadrangle, WEST VIRGINIA, by G. D. Stricker. 1981. Lat 37°22'30" to 37°30', long 81°15' to 81°22'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 32 by 36 inches.

GQ-1549. Geologic map of the Pine Creek quadrangle, Lincoln and Teton Counties, WYOMING, by M. L. Schroeder, H. F. Albee, and R. A. Lunceford. 1981. Lat 43°07'30" to 43°15', long 110°45' to 110°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 26 by 31 inches.

GQ-1550. Geologic map of the Jewell Ridge quadrangle, Buchanan and Tazewell Counties, VIRGINIA, by K. J. Englund. 1981. Lat 37°07'30" to 37°15', long 81°45' to 81°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 32 by 32 inches.

GQ-1551. Geologic map of the Deer Creek quadrangle, Lincoln County, WYOMING, by M. L. Schroeder. 1981. Lat 43° to 43°07'30", long 110°45' to 110°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 26 by 34 inches.

GQ-1552. Geologic map of the Buffalo quadrangle, Johnson County, WYOMING, by Ernest Dobrovolny. 1981. Lat 44°15' to 44°22'30", long 106°37'30" to 106°45'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 36 inches. (Supersedes Open-file report 78-890.)

GQ-1554. Geologic map of the Crouse Reservoir quadrangle, Uintah and Daggett Counties, UTAH, by W. R. Hansen, P. E. Carrara, and P. D. Rowley. 1981. Lat 40°37'30" to 40°45', long 109°07'30" to 109°15'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 31 by 32 inches.

GQ-1556. Geologic map of the Becker quadrangle, Valencia and Socorro Counties, NEW MEXICO, by D. A. Myers, E. J. McKay, and J. A. Sharps. 1981. Lat 34°22'30" to 34°30', long 106°30' to 106°37'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 31 by 32 inches

GQ-1557. Geologic map of the Mogollon quadrangle, Catron County, NEW MEXICO, by J. C. Ratte. 1981. Lat 33°22'30" to 33°30', long 108°45' to 108°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 34 by 42 inches. (Supersedes Open-file report 77-324.)

GQ-1560. Geologic map of the Island Park quadrangle, Uintah County, UTAH, by P. D. Rowley, W. R. Hansen, and P. E. Carrara. 1981. Lat 40°30' to 40°37'30", long 109°07'30" to 109°15'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 28 by 32 inches.

GEOPHYSICAL INVESTIGATIONS MAPS

GP-0836. Aeromagnetic map of COLORADO, by Isidore Zietz and J. R. Kirby, Jr. 1972. Lat 37° to 41°, long about 103° to about 109°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 42 by 51 inches. (Available unfolded only). (Reprint.)

GP-0932. Map showing aeromagnetic anomalies, faults, earthquake epicenters, and igneous rocks in the southern San Francisco Bay region, CALIFORNIA, by E. E. Brabb and W. F. Hanna. 1981. Three sheets. Lat 36°52'30" to 37°52'30", long 121°07'30" to 122°37'30". Scale 1:125,000 (1 inch = about 2 miles). Sheet 1, Map showing aeromagnetic anomalies and igneous rocks, by W. F. Hanna, E. E. Brabb, and J. R. Le Compte, sheet 42 by 56 inches; sheet 2, Interpretive map showing major aeromagnetic anomalies and earthquake epicenters, 1969 through 1974, by W. F. Hanna, E. E. Brabb, and W. H. K. Lee, sheet 42 by 50 inches; sheet 3, Preliminary map showing faults, by E. E. Brabb and W. F. Hanna, sheet 42 by 44 inches. (Accompanied by 6-page text.)

GP-0933. Average elevation map of the conterminous United States (Gilluly averaging method), by W. H. Diment and T. C. Urban. 1981. Two sheets. Sheet 1, East half, lat about 25° to about 50°, long about 64° to about 96°. Sheet 2, West half, lat about 25° to about 50°, long about 97° to about 128°. Both sheets 41 by 53 inches. Scale 1:2,500,000 (1 inch = about 40 miles).

GP-0938. Aeromagnetic map of NEW YORK, by Isidore Zietz and F. P. Gilbert. 1981. Five sheets. Scale 1:250,000 (1 inch = about 4 miles). Lat about 40°30' to 45°07'30", long about 72° to 80°. Sheet 1, Lower Hudson sheet, 35 by 51 inches; sheet 2, Niagara sheet, 32 by 34 inches; sheet 3, Finger Lakes sheet, 32 by 35 inches; sheet 4, Hudson-Mohawk sheet, 33 by 33 inches; sheet 5, Adirondack Mountains sheet, 35 by 46 inches. (Available unfolded only.)

GP-0939. Residual magnetic map of Umnak Plateau region, southeastern Bering Sea, by J. R. Childs, A. K. Cooper, and A. W. Wright. 1981. Lat 52° to 58°, long 162° to 174°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 33 by 40 inches.

GP-0940. Aeromagnetic map of GEORGIA, by Isidore Zietz, F. E. Riggle, and F. P. Gilbert. 1980 (1981). Lat about 31° to 35°, long about 81° to about 85°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 39 by 45 inches. (Available unfolded only.)

GP-0941. Aeromagnetic map of GEORGIA: In color, by Isidore Zietz, F. E. Riggle, and F. P. Gilbert. 1980 (1981). Lat about 31° to about 35°, long about 81° to about 85°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 26 by 27 inches.

GP-0942. Aeromagnetic map of the Northeastern United States: In color, by Isidore Zietz and F. P. Gilbert. 1981. Lat 35° to about 45°, long about 70° to about 80°. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 29 by 38 inches.

GP-0943. Aeromagnetic map of the Northeastern United States, by Isidore Zietz and F. P. Gilbert. 1981. Lat 35° to about 45°, long about 70° to about 80°. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 30 by 39 inches. (Available unfolded only.)

GP-0944. Bouguer gravity map of ARKANSAS, by J. D. Hendricks, G. R. Keller, and T. G. Hildenbrand. 1981. Lat about 33° to about 37°, long about 90° to about 94°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 37 by 38 inches.

GP-0946. Aeromagnetic map of the Island of HAWAII, by R. H. Godson, C. J. Zablocki, H. A. Pierce, J. B. Frayser, C. M. Mitchell, and R. A. Sneddon. 1981. Lat about 19° to about 20°15′, long about 155° to about 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 30 inches.

MISCELLANEOUS INVESTIGATIONS SERIES

I-0445. Permafrost map of ALASKA, compiled by O. J. Ferrians, Jr. 1965. Lat about 54° to about 70°, long about 126° to about 170°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 38 by 48 inches. (Reprint.)

I-0571. Geologic map of Jemez Mountains, NEW MEXICO, by R. L. Smith, R. A. Bailey, and C. S. Ross. 1970. Lat 35°15′ to 36°15′, long 106° to 107°. Scale 1:125,000 (1 inch = about 2 miles). Sheet 40 by 50 inches. (Reprint.)

I-0768. Geologic map of the Spokane quadrangle, WASHINGTON, IDAHO, and MONTANA, by A. B. Griggs. 1973. Lat 47° to 48°, long 116° to 118°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 27 by 46 inches. (Reprint.)

I-0827. Geologic map of the Trout Creek SE quadrangle, Juab and Millard Counties, UTAH, by R. K. Hose. 1974. Lat 39°30′ to 39°37′30″, long 113°45′ to 113°52′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 28 by 42 inches. (Reprint.)

I-0836. Potential hazards from future eruptions of Mount Rainier, WASHINGTON, by D. R. Crandell. 1973. Lat 46°15′ to 47°45′, long 121° to 123°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 29 by 39 inches. (Reprint.)

I-0843-D. Delineation of flood hazards in the Jaynes quadrangle, Pima County, ARIZONA, by R. M. Myrick and B. N. Aldridge. 1981. Lat 32°15′ to 32°22′30″, long 111° to 111°07′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 28 by 41 inches.

I-0902. Geologic map of OREGON east of the 121st meridian, by G. W. Walker. 1977. Two sheets. Lat 42° to 46°, long about 117° to 121°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 1, 41 by 43 inches; sheet 2, 41 by 46 inches. (Reprint.)

I-0972. Geologic map of the Craig 1° by 2° quadrangle, northwestern COLORADO, compiled by Ogden Tweto. 1976. Lat 40° to 41°, long 106° to 108°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 29 by 41 inches. (Reprint.)

I-1022. Geologic map of the Pueblo 1° by 2° quadrangle, south-central COLORADO, by G. R. Scott, R. B. Taylor, R. C. Epis, and R. A. Wobus. 1978. Two sheets. Lat 38° to 39°, long 104° to 106°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 29 by 55 inches; sheet 2, 23 by 35 inches. (Reprint.)

I-1033-H. Map showing areas of landsliding in the Kaiparowits coal-basin area, UTAH, by H. K. Fuller, V. S. Williams, and R. B. Colton. 1981. Lat 37° to 38°, long 111° to 112°. Scale 1:125,000 (1 inch = about 2 miles). Sheet 34 by 40 inches.

I-1088. Geologic map of the crater section of Haleakala National Park, Maui, HAWAII, by G. A. Macdonald. 1978. Lat about 20°42′30″ to about 20°45′, long about 156°10′ to about 156°15′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 22 by 32 inches. (Accompanied by 8-page text.) (Reprint.)

I-1127. Geologic map of the Preston 1° by 2° quadrangle, southeastern IDAHO and western WYOMING, by S. S. Oriel and L. B. Platt. 1980 (1981). Lat 42° to 43°, long 110° to 112°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 32 by 39 inches.

I-1133. Geologic map of the Demarcation Point quadrangle, ALASKA, by H. N. Reiser, W. P. Brosge, J. T. Dutro, Jr., and R. L. Detterman. 1980 (1981). Lat 69° to 70°, long 141° to 144°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 39 by 41 inches. (This report supersedes the preliminary version, MF-610.)

I-1146. Geologic map of east-central Santa Monica Mountains, Los Angeles County, CALIFORNIA, by R. F. Yerkes and R. H. Campbell. 1980 (1981). Lat 34°01′30″ to 34°07′30″, long 118°33′50″ to 118°45′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 36 by 49 inches.

I-1163. Geologic map of the Denver 1° by 2° quadrangle, north-central COLORADO, by Bruce Bryant, L. W. McGrew, and R. A. Wobus. 1981. Two sheets. Lat 39° to 40°, long 104° to 106°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, Geology, 36 by 56 inches; sheet 2, Structure, 24 by 35 inches. (Supersedes Open-file reports 75-340 and 78-397.)

I-1194. Structure contour and isopach maps of the Wyodak-Anderson coal bed in the Reno Junction-Antelope Creek area, Campbell and Converse Counties, WYOMING, by N. M. Denson, J. H. Dover, and L. M. Osmonson. 1981. Lat 43°15′ to 44°, long 105° to 106°. Scale 1:125,000 (1 inch = about 2 miles). Sheet 38 by 45 inches. (Supersedes MF-0961.)

I-1196. Geologic map of the Sinus Sabaeus quadrangle of Mars, by H. J. Moore. 1980 (1981). Scale 1:5,000,000 (1 inch = about 80 miles). Sheet 34 by 43 inches.

I-1200. Geologic map of the Coso volcanic field and adjacent areas, Inyo County, CALIFORNIA, by W. A. Duffield and C. R. Bacon. Lat about 35°50′ to about 36°15′, long about 117°35′ to about 118°05′. Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 43 by 55 inches.

I-1203. Geologic map of St. Lawrence Island, ALASKA, by W. W. Patton, Jr., and Bela Csejtey, Jr. 1980 (1981). Lat 62°52′ to 63°52′, long 168°30′ to 172°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 31 by 41 inches. (Supersedes Open-file report 79-0945.)

I-1217. Geologic maps of the Jackson Purchase region, KENTUCKY, by W. W. Olive. 1980 (1981). Lat 36°30′ to about 37°15′, long 88° to about 89°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 42 by 58 inches. (Accompanied by 11-page text.)

I-1229. Geologic map of the Chignik and Sutwik Island quadrangles, ALASKA, by R. L. Detterman, T. P. Miller, M. E. Yount, and F. H. Wilson. 1981. Lat 56° to 57°, long 156° to 160°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 34 by 47 inches.

I-1231. Geologic map of the Gage SW quadrangle, Grant and Luna Counties, NEW MEXICO, by C. H. Thorman and Harald Drewes. 1981. Lat 32° to 32°07′30″, long 108°07′30″ to 108°15′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 28 by 38 inches.

I-1232. Geologic map of the Panama Canal and vicinity, Republic of Panama, compiled by R. H. and J. L. Stewart with the collaboration of W. P. Woodring. 1980 (1981). Lat 8°50′ to 9°40′, long 79°21′45″ to 80°05′56″. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 41 by 44 inches.

I-1233. Geologic map of the Kuiper quadrangle of Mercury, by R. A. De Hon, D. H. Scott, and J. R. Underwood, Jr. 1981. Scale 1:5,000,000 (1 inch = about 80 miles). Sheet 33 by 40 inches.

I-1235-B. Map showing general chemical quality of ground water in the Alton-Kolob coal-fields area, UTAH, by Don Price. 1981. Lat 37° to 38°, long 112° to about 113°15′. Scale 1:125,000 (1 inch = about 2 miles). Sheet 41 by 45 inches.

I-1238. Geologic map of the Chico monocline and northeastern part of the Sacramento Valley, CALIFORNIA, by D. S. Harwood, E. J. Helley, and M. P. Doukas. 1981. Lat 39°40′ to 40°15′, long 121°32′ to 122°15′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 41 by 47 inches.

I-1245. Surface-water resources in the Tooele 2° quadrangle, UTAH, by Don Price. 1981. Lat 40° to 41°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 32 by 34 inches.

I-1246. Maps showing lithofacies and limonite distribution of the Wasatch Formation in the southern Powder River Basin, WYOMING, by G. L. Raines and E. S. Santos. 1980 (1981). Two sheets. Lat 43° to 44°, long 105° to 106°15′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 30 by 51 inches; sheet 2, 27 by 47 inches.

I-1247. Geologic map of the Uncompahgre (Ouray) mining district, southwestern COLORADO, by R. G. Luedke and W. S. Burbank. 1981. Lat 38° to about 38°05′, long 107°38′ to 107°43′. Scale 1:12,000 (1 inch = 1,000 feet). Sheet 28 by 35 inches.

I-1248. Land use and land cover in the Greater Pittsburgh Region, PENNSYLVANIA, 1973, by J. R. Wray. 1981. Lat about 39°55′ to about 41°12′30″, long about 78°55′ to about 80°32′30″. Scale 1:125,000 (1 inch = about 2 miles). Sheet 48 by 49 inches.

I-1255. Geologic map of anthracite-bearing rocks in the Nesquehoning quadrangle, Carbon County, PENNSYLVANIA, by G. H. Wood, Jr. 1981. Lat about 40°50′ to 40°52′30″, long 75°45′ to 75°52′30″. Scale 1:12,000 (1 inch = 1,000 feet). Sheet 41 by 46 inches.

I-1256. Geologic map of Owyhee County, IDAHO, west of longitude 116°, by E. B. Ekren, D. H. McIntyre, E. H. Bennett, and H. E. Malde. 1981. Two sheets. Scale 1:125,000 (1 inch = about 2 miles). Sheet 1, lat 43° to 43°45′, long 116° to 117°, 31 by 34 inches; sheet 2, lat 42° to 43°, long 116° to 117°, 40 by 45 inches. (Supersedes Open-file report 78-341.)

I-1265. Marine geologic map of the Puerto Rico insular shelf, Isla Caja de Muertos area, by D. K. Beach and J. V. Trumbull. 1981. Lat 17°45′ to 18°, long 66°22′30″ to 66°37′30″. Scale 1:40,000 (1 inch = about 3,333 feet). Sheet 32 by 40 inches. (Supersedes Open-file report 80-366.)

I-1284. Geologic map of the Ned Lake quadrangle, Iron and Baraga Counties, MICHIGAN, by M. P. Foose. 1981. Lat 46°15′ to 46°30′, long 88°15′ to 88°30′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 32 by 43 inches.

I-1289. Surficial geologic map of the Grand Junction 1° by 2° quadrangle, COLORADO and UTAH, by J. W. Whitney. 1981. Lat 39° to 40°, long 108° to 110°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 40 inches.

I-1290. Bedrock geologic map of the Kenton-Perch Lake area, northern MICHIGAN, by W. F. Cannon and J. S. Klasner. 1980 (1981). Lat 46°05′45″ to 46°30′, long 88°30′ to 89°. Scale 1:62,500 (1 inch = about 1 mile). Sheet 37 by 42 inches.

I-1291. Geologic map of the Mount Richthofen quadrangle and the western part of the Fall River Pass quadrangle, Grand and Jackson Counties, COLORADO, by J. M. O'Neill. 1981. Lat 40°22′30″ to 40°30′, long 105°50′ to 106°. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 34 by 36 inches.

I-1292. Quaternary geologic map of the Chignik and Sutwik Island quadrangles, ALASKA, by R. L. Determan, T. P. Miller, M. E. Yount, and F. H. Wilson. 1981. Lat 56° to 57°, long 156° to 160°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 30 by 47 inches.

I-1297. Geologic map of the Crater Springs Known Geothermal Resources Area and vicinity, Juab and Millard Counties, UTAH, by G. L. Galyardt and F. E. Rush. 1981. Lat 39°32′16″ to 39°41′52″, long 112°41′10″ to 112°52′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 35 by 37 inches. (Supersedes Open-file report 79-1158.)

I-1298. Solution mining and subsidence in evaporite rocks in the United States, by C. R. Dunrud and B. B. Nevins. 1981. Two sheets. Lat about 25° to about 45°, long about 65° to about 125°. Scale 1:5,000,000 (1 inch = about 80 miles). Sheet 1, Map showing solution mining and subsidence in evaporite rocks in the United States, 31 by 41 inches; sheet 2, 34 by 42 inches.

I-1302. Geologic map of the Whitlock Mountains and vicinity, Graham County, ARIZONA, by D. H. Richter, M. Shafiqullah, and V. A. Lawrence. 1981. Lat 32°30′ to 32°45′, long 109°15′ to 109°30′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 35 by 36 inches.

I-1304-A. Reconnaissance geologic map of the Redmond quadrangle, Sanpete and Sevier Counties, UTAH, by I. J. Witkind. 1981. Lat 39° to 39°07′30″, long 111°45′ to 111°52′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 33 by 45 inches.

I-1304-B. Summary appraisal of water resources in the Redmond quadrangle, Sanpete and Sevier Counties, UTAH, by Don Price. 1981. Lat 39° to 39°07′30″, long 111°45′ to 111°52′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 29 inches.

I-1308. Generalized fence diagram showing stratigraphy and potentiometric surface of the Tertiary formations in southeastern WYOMING and an adjacent part of COLORADO, by M. E. Cooley and M. A. Crist. 1981. Sheet 29 by 40 inches.

I-1310-A. Complete Bouguer gravity anomaly map of the Silver City 1° by 2° quadrangle, NEW MEXICO-ARIZONA, by J. C. Wynn. 1981. Lat 32° to 33°, long 108° to 110°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 37 inches.

I-1313-A. Index map of flood studies, Culpeper Basin, VIRGINIA and MARYLAND, by S. A. Morsches and Chester Zenone. 1981. Lat about 38°15′ to about 39°30′, long 77°15′ to about 78°15′. Scale 1:125,000 (1 inch = about 2 miles). Sheet 32 by 49 inches.

I-1313-B. Map showing mineral resources of the Culpeper basin, VIRGINIA and MARYLAND: Availability and planning for future needs, by A. J. Froelich and B. D. Leavy. 1981. Lat about 38°15′ to about 39°15′, long 77°15′ to about 78°15′. Scale 1:125,000 (1 inch = about 2 miles). Sheet 32 by 50 inches.

I-1314. Geologic map of the Asheboro, NORTH CAROLINA, and adjacent areas, by V. M. Seiders. 1981. Lat 35°30′ to 35°47′30″, long 79°45′ to 80°. Scale 1:62,500 (1 inch = about 1 mile). Sheet 28 by 33 inches.

I-1318. Digital terrain map of the United States, by R. H. Godson. 1981. Scale 1:7,500,000 (1 inch = about 118 miles). Sheet 20 by 34 inches.

I-1324. Altimetric and shaded relief map of Venus. 1981. Scale 1:50,000,000 (1 inch = about 800 miles). Sheet 31 by 38 inches.

I-1327. Energy resources map of NEW MEXICO, by United States Geological Survey and New Mexico Bureau of Mines and Mineral Resources. 1981. Lat 32° to 37°, long 103° to about 109°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 49 by 56 inches. (Available unfolded only.)

I-1328. Controlled photomosaic of the Diacria Northwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1330. Geologic map of the pre-Quaternary rocks of the Salt Lake City North quadrangle, Davis and Salt Lake Counties, UTAH, by R. Van Horn. 1981. Lat 40°45′ to 40°52′30″, long 111°52′30″ to 112°. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 26 by 34 inches.

I-1331. Controlled photomosaic of the Amazonis Northeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1332. Controlled photomosaic of the Amazonis Southwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1333. Controlled photomosaic of the Amazonis Southeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1334. Controlled photomosaic of the Amazonis Northwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1335. Controlled photomosaic of the Phaethontis Northeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1336. Controlled photomosaic of the Phaethontis North-central quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1342. Controlled photomosaic of the Oxia Palus Southeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1343. Controlled photomosaic of the Oxia Palus Southwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1344. Controlled photomosaic of the Oxia Palus Northeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1345. Controlled photomosaic of the Oxia Palus Northwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1352. Controlled photomosaic of the Arcadia Southeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1353. Controlled photomosaic of the Arcadia Northeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1354. Controlled photomosaic of the Arcadia Southwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1355. Controlled photomosaic of the Arcadia Northwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1356. Controlled photomosaic of the Diacria South-Central quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1357. Controlled photomosaic of the Diacria Southeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1358. Controlled photomosaic of the Diacria Southwest quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1359. Controlled photomosaic of the Diacria Northeast quadrangle of Mars. 1981. Scale 1:2,000,000 (1 inch = about 32 miles). Sheet 26 by 34 inches.

I-1365. Geologic map of the Gogebic Range-Watersmeet area, Gogebic and Ontonagon Counties, MICHIGAN, by W. C. Prinz. 1981. Lat 46°05′ to 46°30′, long 89° to 90°05′. Scale 1:125,000 (1 inch = about 2 miles). Sheet 23 by 32 inches.

I-1370. Magnetic total intensity in the United States – Epoch 1980, by E. B. Fabiano and N. W. Peddie. 1981. Printed on both sides. Side 1, conterminous United States, lat about 25° to about 50°, long about 65° to about 125°; side 2, ALASKA and HAWAII. Sheet 30 by 40 inches. (Available unfolded only). (Supersedes Miscellaneous Investigations Series Map I-0915.)

I-1374. Map showing general chemical quality of ground water in the Richfield quadrangle, UTAH, by Don Price. 1981. Lat 38° to 39°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 23 by 39 inches.

I-1379. Controlled photomosaic of the Olympus Mons region of Mars. 1981. Scale 1:2,016,000 (1 inch = about 32 miles). Sheet 33 by 54 inches.

Miscellaneous Investigations Series – Marine Geology Atlases

Data gathered from many sources on the Continental Shelf are being analyzed, interpreted, and compiled by the Geological Survey. The results are being published as a marine geology atlas which ultimately will include a wide variety of geologic information that can facilitate mineral and petroleum exploration, development, and monitoring, and serve as an aid in coastal State planning.

I-1182-A. Bathymetric map of the Continental Shelf, slope, and rise of the Beaufort Sea North of ALASKA, by Jonathan Greenberg, P. E. Hart, and Arthur Grantz. 1981. Lat 69°30′ to 73°30′, long 140° to 158°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 42 by 58 inches. (Accompanied by 6-page text).

I-1287-A. Map showing water circulation and rates of sedimentation in the Corpus Christi 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr. and A. R. Trippet. 1981. Lat 27° to 28°, long 96° to 98°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 27 by 56 inches.

I-1287-B. Map showing trace-metal content and texture of surficial bottom sediments in the Corpus Christi 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr., and A. R. Trippet. 1981. Lat 27° to 28°, long 96° to 98°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 28 by 45 inches.

I-1287-C. Map showing nature of shallow subsurface sediments and biogeology in the Corpus Christi 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr., and A. R. Trippet. 1981. Lat 27° to 28°, long 96° to 98°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 27 by 55 inches.

I-1287-D. Map showing post-Wisconsin sedimentation patterns and faulting in the Corpus Christi 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr., and A. R. Trippet. 1981. Lat 27° to 28°, long 96° to 98°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 27 by 40 inches.

I-1287-E. Map showing paleogeography of the Continental Shelf during the low stand of sea level, Wisconsin glaciation, Corpus Christi 1° by 2° quadrangle, TEXAS, by H. L. Berryhill, Jr. 1981. Lat 27° to 28°, long 96° to about 97°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 27 by 45 inches.

I-1287-F. Map showing structure of the continental terrace in the Corpus Christi 1° by 2° quadrangle, TEXAS. Compiled by A. R. Trippet and H. L. Berryhill, Jr. 1981. Lat 27° to 28°, long 96° to about 97°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 26 by 47 inches.

I-1288-A. Map showing water circulation and rates of sedimentation in the Beeville 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr., and A. R. Trippet. 1981. Lat 28° to 29°, long 96° to about 97°20′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 26 by 41 inches.

I-1288-B. Map showing trace-metal content and texture of surficial bottom sediments in the Beeville 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr., and A. R. Trippet. 1981. Lat 28° to 29°, long 96° to about 97°20′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 26 by 49 inches.

I-1288-C. Map showing nature of shallow subsurface sediments and biogeology in the Beeville 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr., and A. R. Trippet. 1981. Lat 28° to 29°, long 96° to about 97°20′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 26 by 42 inches.

I-1288-D. Map showing post-Wisconsin sedimentation patterns and faulting in the Beeville 1° by 2° quadrangle, TEXAS. Compiled by H. L. Berryhill, Jr., and A. R. Trippet. 1981. Lat 28° to 29°, long 96° to about 97°20′ Scale 1:250,000 (1 inch = about 4 miles). Sheet 26 by 34 inches.

I-1288-E. Map showing paleogeography of the Continental Shelf during the low stand of sea level, Wisconsin glacial epoch, Beeville 1° by 2° quadrangle, TEXAS, by H. L. Berryhill, Jr. 1981. Lat 28° to 29°, long 96° to about 97°20′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 30 by 37 inches.

I-1288-F. Map showing structure of the continental terrace in the Beeville 1° by 2° quadrangle, TEXAS. Compiled by A. R. Trippet and H. L. Berryhill, Jr. 1981. Lat 28° to 29°, long 96° to about 97°20′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 26 by 40 inches.

COAL INVESTIGATIONS MAPS

C-0086. Geologic map and lignite resources of the Clark Butte NE quadrangle, NORTH DAKOTA, by G. D. Mowat. 1980 (1981). Lat 46°37′30″ to 46°45′, long 102° to 102°07′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 53 inches.

C-0087. Geologic map and coal resources of the Easton Gulch quadrangle, Moffat County, COLORADO, by M. C. Reheis. 1981. Lat 40°15′ to 40°22′30″, long 107°52′30″ to 108°. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 38 by 46 inches.

C-0089. Geologic map and lignite resources of the Cussicks Spring quadrangle, Williams County, NORTH DAKOTA, by J. M. Spencer. 1981. Two sheets. Lat 48°07′30″ to 48°15′, long 103°07′30″ to 103°15′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 1, 27 by 33 inches; sheet 2, 32 by 35 inches.

-0090. Geologic map and coal deposits of the Canaan Peak quadrangle, Garfield and Kane Counties, UTAH, by W. E. Bowers. 1981. Lat 37°30′ to 37°37′30″, long 111°45′ to 111°52′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 35 by 43 inches.

OIL AND GAS INVESTIGATIONS CHARTS

OC-0081. Distribution of rock types, lithologic groups, and interpreted depositional environments for some lower Tertiary and Upper Cretaceous rocks from outcrops at Willow Creek – Indian Canyon through the subsurface of Duchesne and Altamont oil fields, southwest to north-central parts of the Uinta Basin, UTAH, by T. D. Fouch. 1981. Two sheets. Sheet 1, 34 by 43 inches; sheet 2, 34 by 41 inches. (Supersedes Open-file report 77-509.)

OC-0103. Density and porosity of Upper Cretaceous through Permian formations from borehole gravity measurements, Big Polecat oil and gas field, Park County, WYOMING, by L. A. Beyer and F. G. Clutsom. 1980 (1981). Three sheets. Sheet 1, 20 by 38 inches; sheet 2, 14 by 31 inches; sheet 3, 25 by 44 inches. (Accompanied by 14-page text.)

OC-0106. Summary chart of geological data from the COST No. B-3 well, U.S. Mid-Atlantic Continental Slope, by P. A. Scholle, K. A. Schwab, and H. L. Krivoy. 1981. Sheet 29 by 51 inches.

OC-0107. Stratigraphic sections of some Jurassic rocks from near Moab, UTAH, to Slick Rock, COLORADO, by R. B. O'Sullivan. 1981. Sheet 30 by 46 inches.

OC-0108. Processed and interpreted U.S. Geological Survey seismic reflection profile and vertical seismic profile, Powder River and Custer Counties, MONTANA, by A. H. Balch, J. J. Miller, M. W. Lee, and R. T. Ryder. 1981. Sheet 28 by 52 inches.

OC-0110. Processed and interpreted U.S. Geological Survey seismic reflection profile and vertical seismic profile, Powder River and Carter Counties, MONTANA, by J. J. Miller, R. T. Ryder, A. H. Balch, and M. W. Lee. 1981. Sheet 29 by 54 inches.

OC-0111. Correlation of Eocene rocks in measured sections in the southeast and west parts of the Rock Springs coal field, WYOMING, by H. W. Roehler. 1981. Two sheets. Sheet 1, Cross section A-A', southeast part of the Rock Springs coal field, 30 by 33 inches; sheet 2, Cross section B-B', west part of the Rock Springs coal field, 30 by 37 inches.

OC-0113. Stratigraphic sections of Middle Jurassic Entrada Sandstone and related rocks from Salt Valley to Dewey Bridge in east-central UTAH, by R. B. O'Sullivan. 1981. Lat 38°30' to 39°, long about 109°15' to about 109°45'. Sheet 30 by 37 inches.

OC-0114. Processed and interpreted U.S. Geological Survey seismic reflection profile and vertical seismic profiles, Niobrara County, WYOMING, by M. W. Lee, J. J. Miller, R. T. Ryder, and A. H. Balch. 1981. Sheet 37 by 46 inches.

MISCELLANEOUS FIELD STUDIES MAPS

Unless otherwise indicated these maps are printed in a very limited edition; therefore, no automatic distribution will be made.

MF-0368. Metallic mineral resources map of the Sleetmute quadrangle, ALASKA. Compiled by E. H. Cobb. 1972. Lat 61° to 62°, long 156° to 159°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 36 inches. (Reprint.)

MF-0409. Metallic mineral resources map of the Anchorage quadrangle, ALASKA, compiled by E. H. Cobb. 1972. Two sheets. Lat 61° to 62°, long 147° to 150°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 23 by 28 inches; sheet 2, 20 by 33 inches. (Reprint.)

MF-0410. Metallic mineral resource map of the Fairbanks quadrangle, ALASKA. Compiled by E. H. Cobb. 1972. Lat 64° to 65°, long 147° to 150°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 37 inches. (Reprint.)

MF-0413. Metallic mineral resources map of the Livengood quadrangle, ALASKA, compiled by E. H. Cobb. 1972. Two sheets. Lat 65° to 66°, long 147° to 150°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 24 by 32 inches; sheet 2, 19 by 33 inches. (Reprint.)

MF-0421. Metallic mineral resources map of the Kotzebue quadrangle, ALASKA. Compiled by E. H. Cobb. 1972. Lat 66° to 67°, long 162° to 165°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 30 inches. (Reprint.)

MF-0458. Metallic mineral resources map of the Hughes quadrangle, ALASKA. Compiled by E. H. Cobb. 1972. Lat 66° to 67°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 30 inches. (Reprint.)

MF-0467. Metallic mineral resources map of the Sitka quadrangle, ALASKA. Compiled by E. H. Cobb. 1972. Lat 57° to 58°, long 134° to 136°40′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 36 inches. (Reprint.)

MF-0475. Geochemical map showing distribution and abundance of gold in silicified rocks, Goldfield mining district, Esmeralda and Nye Counties, NEVADA, by R. P. Ashley and W. J. Keith. 1973. Lat 37°40′ to about 37°45′, long about 117°05′ to 117°15′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 24 by 35 inches. (Reprint.)

MF-0479. Geochemical map showing distribution and abundance of silver in silicified rocks, Goldfield mining district, Esmeralda and Nye Counties, NEVADA, by R. P. Ashley and W. J. Keith. 1973. Lat about 37°40′ to about 37°45′, long 117°05′ to 117°15′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 23 by 35 inches. (Reprint.)

MF-0505. Map showing recent tectonic movement on the Concord fault, Contra Costa and Solano Counties, CALIFORNIA, by R. V. Sharp. 1973. Lat about 122° to 122°07′30″, long about 37°55′ to about 38°. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 23 by 36 inches. (Reprint.)

MF-0584. Fence diagram showing lithologic facies of the Sadlerochit Formation (Permian and Lower Triassic), northeastern ALASKA, by R. L. Detterman. 1974. Lat about 69° to about 70°, long about 141° to about 149°. Sheet 22 by 31 inches. (Reprint.)

MF-0722. Geologic map and sections of the central part of the Katalla district, ALASKA, by D. J. Miller. 1975. Two sheets. Lat 60°09′30″ to 60°17′30″, long 143°50′ to 144°30′. Scale 1:40,000 (1 inch = about 3,500 feet). Sheet 1, 33 by 46 inches; sheet 2, 26 by 40 inches. (Reprint.)

MF-0761. Preliminary geologic map of the Montrose 1° by 2° quadrangle, southwestern COLORADO. Compiled by Ogden Tweto, T. A. Steven, W. J. Hail, Jr., and R. H. Moench. 1976. Lat 38° to 39°, long 106° to 108°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 34 by 44 inches. (Reprint.)

MF-0797. Isopach map and cross section of the Mahogany zone of the Green River Formation derived principally from geophysical well logs, eastern Uinta Basin, UTAH and COLORADO, by W. B. Cashion and G. H. Dixon. 1976. Sheet 26 by 31 inches. (Reprint.)

MF-0851. Map showing free-air gravity anomalies in the southern Beaufort Sea, compiled by Gary Boucher, B. D. Ruppel, E. F. Chiburis, and Peter Dehlinger. 1977. Lat about 68° to about 73°, long about 130° to about 160°. Sheet 32 by 44 inches. (Reprint.)

MF-0854. Free-air gravity map of the CALIFORNIA Outer Continental Shelf, by B. A. Kososki, C. D. Cavit, and A. G. McHendrie. 1981. Lat 38° to 40°, long 122°50′ to 125°10′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 40 by 47 inches.

MF-0855. Reconnaissance bedrock geologic map of the Ashfield quadrangle, Franklin County, MASSACHUSETTS, by N. L. Hatch, Jr. 1981. Lat 42°30′ to 42°37′30″, long 72°45′ to 72°52′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 30 by 43 inches.

MF-0856. Seismicity map of the State of MASSACHUSETTS, by C. W. Stover, L. M. Barnhard, B. G. Reagor, and S. T. Algermissen. 1980 (1981). Lat 41° to 43°, long 70° to 73°. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 31 by 30 inches.

MF-0857. Continental margin stratigraphy along the U.S. Geological Survey seismic line 5–Long Island platform and western Georges Bank Basin, by P. C. Valentine. 1981. Two sheets. Sheet 1, 32 by 44 inches; sheet 2, 38 by 44 inches.

MF-0858-A. Mineral resources of the Choteau 1° by 2° quadrangle, MONTANA, by R. L. Earhart, M. R. Mudge, J. W. Whipple, and J. J. Connor. 1981. Lat 47° to 48°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 44 by 58 inches.

MF-0858-B. Geochemical and generalized geologic maps showing the distribution and abundance of copper of the Choteau 1° by 2° quadrangle, MONTANA, by D. J. Grimes and R. W. Leinz. 1980 (1981). Lat 47° to 48°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Map A–Rock sample locations; map B– Stream-sediment sample locations. Sheet 44 by 51 inches.

MF-0858-C. Geochemical and generalized geologic maps showing the distribution and abundance of silver in the Choteau 1° by 2° quadrangle, MONTANA, by D. J. Grimes and R. W. Leinz. 1980 (1981). Lat 47° to 48°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Map A–Rock sample locations; map B– Stream-sediment sample locations. Sheet 44 by 57 inches.

MF-0858-D. Geochemical and generalized geologic maps showing the distribution and abundance of lead in the Choteau 1° by 2° quadrangle, MONTANA, by R. W. Leinz and D. J. Grimes. 1980 (1981). Lat 47° to 48°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 44 by 58 inches.

MF-0858-E. Geochemical and generalized geologic maps showing the distribution and abundance of zinc in the Choteau 1° by 2° quadrangle, MONTANA, by R. W. Leinz and D. J. Grimes. 1980 (1981). Lat 47° to 48°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 44 by 58 inches.

MF-0858-F. Geochemical and generalized geologic maps showing the distribution and abundance of mercury, arsenic, and molybdenum in the Choteau 1° by 2° quadrangle, MONTANA, by R. W. Leinz and D. J. Grimes. 1980 (1981). Two sheets. Lat 47° to 48°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 44 by 58 inches; sheet 2, 24 by 42 inches.

MF-0858-G. Aeromagnetic and generalized geologic map of the Choteau 1° by 2° quadrangle, MONTANA, by M. D. Kleinkopf. 1980 (1981). Lat 47° to 48°, long 112° to 114°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 35 by 42 inches.

MF-0859. Bathymetric maps of the northern Gulf of ALASKA, by T. J. Atwood, T. R. Bruns, P. R. Carlson, B. F. Molnia, and George Plafker. 1981. Three sheets. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, lat 57°30′ to about 60°, long 136°12′ to 140°10′, 40 by 52 inches; sheet 2, lat 58° to about 60°, long 139°20′ to 144°40′, 42 by 52 inches; sheet 3, lat 59° to about 60°30′, long 144° to 148°, 40 by 40 inches.

MF-0860. Preliminary geologic map of the McCarthy Gulch quadrangle, Rio Blanco and Garfield Counties, COLORADO, by R. B. O'Sullivan, Frances Wahl-Pierce, and S. J. Arbelbide. 1981. Lat 39°37'30" to 39°45', long 108° to 108°07'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 31 by 51 inches.

MF-0861. Map and list of reported occurrences of platinum-group metals in the conterminous United States, by W. N. Blair, N. J. Page, and M. G. Johnson. 1977. Two sheets. Sheet 1, lat about 25° to about 45°, long about 75° to about 125°. Scale 1:5,000,000 (1 inch = about 80 miles), 34 by 41 inches; sheet 2, List of platinum-group metals occurrences and deposits, 29 by 31 inches. (Reprint.)

MF-0879-B. Bedrock geologic map of the Philip Smith Mountains quadrangle, ALASKA, by W. P. Brosge, H. N. Reiser, J. T. Dutro, Jr., and R. L. Detterman. 1979. Two sheets. Lat 68° to 69°, long 147° to 150°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 32 by 39 inches; sheet 2, Locations of fossil collections, Philip Smith Mountains quadrangle, 24 by 36 inches. (Reprint.)

MF-0880-A. Mines, prospects, and occurrences map of the Seward and Blying Sound quadrangles, ALASKA, by R. G. Tysdal. 1978. Two sheets. Lat about 59°30' to 61°, long 147° to 150°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 39 by 52 inches, sheet 2, 39 by 41 inches. (Reprint.)

MF-0880-B. Map showing placer deposits of the Seward and Blying Sound quadrangles, ALASKA, by R. G. Tysdal. 1978. Two sheets. Lat about 59°45' to 61°, long about 148° to 150°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 23 by 37 inches; sheet 2, 28 by 34 inches. (Reprint.)

MF-0883. Geologic map of the Newcastle 1° by 2° quadrangle, northeastern WYOMING and western SOUTH DAKOTA, compiled by J. D. Love, A. C. Christiansen, and L. W. McGrew. 1977. Lat 43° to 44°, long 104° to 106°. Sheet 24 by 39 inches. (Reprint.)

MF-0896. Surficial geologic map of The Gap SW quadrangle, Campbell County, WYOMING, by D. S. Fullerton and R. M. Kirkham. 1977. Lat 44° to 44°07'30", long 105°22'30" to 105°30'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 38 inches. (Reprint.)

MF-0897. Surficial geologic map of The Gap quadrangle, Campbell County, WYOMING, by D. S. Fullerton and R. M. Kirkham. 1977. Lat 44°07'30" to 44°15', long 105°22'30" to 105°30'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 36 inches. (Reprint.)

MF-0907. Preliminary isopach and structure contour maps of the Bering Sea basin, by A. K. Cooper, J. R. Childs, M. S. Marlow, P. D. Rabinowitz, D. W. Scholl, and W. J. Ludwig. 1977. Lat about 50° to 62°, long about 170°W to 170°E. Sheet 27 by 34 inches. (Reprint.)

MF-0958. Isopach, structure contour, and resource maps of the Mahogany oil-shale zone, Green River Formation, Piceance Creek basin, COLORADO, by J. K. Pitman and R. C. Johnson. 1978. Two sheets. Lat about 39°22' to about 40°07'30", long about 108° to about 108°45'. Scale 1:126,720 (1 inch = 2 miles). Sheet 1, 34 by 58 inches; sheet 2, 43 by 57 inches. (Reprint.)

MF-0962. Geologic map of the Sevier SW quadrangle, west-central UTAH, by T. A. Steven. 1978. Lat 38°30' to 38°37'30", long 112°22'30" to 112°30'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 29 inches. (Reprint.)

MF-1053-B. Maps showing aeromagnetic survey and geologic interpretation of the Chignik and Sutwik Island quadrangles, ALASKA, by J. E. Case, D. P. Cox, D. E. Detra, R. L. Detterman, and F. H. Wilson. 1981. Two sheets. Lat 56° to 57°, long about 156°30' to about 160°30'. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, Aeromagnetic map, 29 by 48 inches; sheet 2, Geologic interpretation, 34 by 46 inches. (Accompanied by 8-page text.)

MF-1053-J. Gravity anomaly and interpretation map of the Chignik and Sutwik Island quadrangles, ALASKA, by J. E. Case, D. F. Barnes, R. L. Detterman, R. L. Morin, and R. F. Sikora. 1981. Lat 56° to 57°, long about 156°30′ to about 160°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 34 by 45 inches. Accompanied by 5-page text.

MF-1053-N. Megafossil sample locality map, checklists, and stratigraphic sections of the Chignik and Sutwik Island quadrangles, ALASKA, by R. L. Detterman, M. E. Yount, and J. E. Case. 1981. Two sheets. Lat 56° to 57° long 156° to about 160°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 38 by 48 inches; sheet 2, 39 by 46 inches.

MF-1053-O. Maps showing interpretation of Landsat imagery of the Chignik and Sutwik Island quadrangles, ALASKA, by J. R. Le Compte and W. C. Steele. 1981. Two sheets. Lat 56° to 57°, long about 156°30′ to about 160°30′. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 30 by 51 inches; sheet 2, 28 by 51 inches.

MF-1069. Isopach, structure contour, and resource maps of the R-6 Oil-shale zone, Green River Formation, Piceance Creek basin, COLORADO, by J. K. Pitman. 1979. Two sheets. Lat 39°22′ to about 40°07′30″, long about 108° to about 108°45′. Scale 1:126,720 (1 inch = 2 miles). Sheet 1, 34 by 57 inches; sheet 2, North-south cross section of the R-6 zone, 41 by 57 inches. (Reprint.)

MF-1094. Preliminary geologic map of the Kin Klizhin Ruins quadrangle, San Juan and McKinley Counties, NEW MEXICO, by R. B. O'Sullivan, G. R. Scott, and D. L. Weide. 1979. Lat 36° to 36°07′30″, long 108° to 108°07′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 39 inches. (Reprint.)

MF-1101-A. Geologic map of the Hoover wilderness and adjacent study area, Mono and Tuolumne Counties, CALIFORNIA, by W. J. Keith and J. F. Seitz. 1981. Lat about 38° to about 38°15′, long 119°10′ to 119°45′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 39 by 50 inches.

MF-1136. Faults in parts of north-central and western Houston metropolitan area, TEXAS, by E. R. Verbeek, K. W. Ratzlaff, and U. S. Clanton. 1979. Map 1, Map of the Clodine fault and Renn scarp, Houston metropolitan area, Texas, lat about 29°40′ to about 29°42′30″, long about 95°37′30″ to 95°45′. Map 2, map of the Long Point, Piney Point East, Piney Point West, Eureka Heights, Memorial Park, and western part of Pecore West faults, Houston metropolitan area, Texas, lat 29°40′ to about 29°50′, long about 95°22′30″ to about 95°37′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 43 by 57 inches. (Reprint.)

MF-1143. Seismicity map of the State of ILLINOIS, by C. W. Stover, B. G. Reagor, and S. T. Algermission. 1979. Lat about 37° to about 42°, long about 88° to about 91°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 31 by 37 inches. (Reprint.)

MF-1146-A. Geologic map of the Turbinella-Gambel Oak Instant Study Area, Mohave County, ARIZONA, by M. L. Throckmorton. 1980. Lat about 36°50′ to about 36°52′30″, long about 113°40′ to 113°45′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 31 by 32 inches. (Reprint.)

MF-1146-B. Mineral resource potential map of the Turbinella-Gambel Oak Instant Study Area, Mohave County, ARIZONA, by M. L. Throckmorton and L. R. Hamm. 1980 (1981). Lat about 36°48′ to about 36°55′, long about 113°40′ to 113°45′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 24 by 36 inches.

MF-1155. Seismicity map of the State of MISSOURI, by C. W. Stover, B. G. Reagor, and S. T. Algermissen. 1979. Lat about 36° to about 40°, long 89° to about 95°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 40 by 42 inches. (Reprint.)

MF-1159-A. Geologic map of the San Jacinto Wilderness, Riverside County, CALIFORNIA, by D. M. Morton, J. C. Matti, and B. F. Cox. 1980. Lat about 33°45′ to about 33°50′, long about 116°35′ to 116°45′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 20 by 29 inches. (Reprint.)

MF-1160-D. Map showing mineral resource potential of the Paiute Instant (Primitive) Study Area, Mohave County, ARIZONA, by H. A. Villalobos, U.S. Geological Survey, and L. W. Hamm, U.S. Bureau of Mines. 1981. Lat 36°45′ to about 36°55′, long 113°45′ to about 113°55′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 41 by 44 inches. Accompanied by 5-page text. (Reprint.)

MF-1161-B. Interpretation of an aerial radiometric survey of the San Gorgonio wilderness area and vicinity, San Bernardino County, CALIFORNIA, by J. A. Pitkin and J. S. Duval. 1981. Two sheets. Lat 34°01′35″ to 34°11′25″, long 116°40′ to 117°. Scale 1:62,500 (1 inch = about 1 mile). Both sheets 34 by 44 inches.

MF-1162-A. Geologic map of the Sierra Ancha Wilderness and Salome Study Area, Gila County, ARIZONA, by J. R. Bergquist, A. F. Shride, and C. T. Wrucke. 1981. Lat about 33°45′ to 34°, long about 110°50′ to 111°12′30″. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 39 by 45 inches.

MF-1162-B. Mines, prospects, mining claims, and sample localities of the Sierra Ancha Wilderness and Salome Study Area, Gila County, ARIZONA, by T. D. Light, U.S. Bureau of Mines. 1981. Lat about 33°45′ to about 34°, long about 110°50′ to about 111°10′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 37 by 50 inches.

MF-1162-F. Radiometric and magnetic anomalies of the Sierra Ancha Wilderness and Salome Study Area, Gila County, ARIZONA, by J. S. Duval and J. A. Pitkin. 1981. Lat about 33°40′ to 34°, long about 110°50′ to about 111°10′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 35 by 44 inches. (This map complements Open-file report 80-2004.)

MF-1165. Structure-contour map on acoustic basement in the Bering Sea, by A. K. Cooper, M. S. Marlow, A. W. Parker, and J. R. Childs. 1979. Lat 50° to 64°, long 158° W to 158° E. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 42 by 58 inches. (Reprint.)

MF-1169. Maps showing seismotectonic setting of the Santa Barbara Channel area, CALIFORNIA, by R. F. Yerkes, H. G. Greene, J. C. Tinsley, and K. R. Lajoie. 1981. Lat about 34° to 35°, long 119° to 121°. Scale 1:250,000 (1 inch ≈ about 4 miles). Sheet 33 by 39 inches. (Accompanied by a 25-page text.) (Supersedes Open-file report 80-299.)

MF-1176-A. Geologic map of the Survey Pass quadrangle, Brooks Range, ALASKA, by S. W. Nelson and Donald Grybeck. 1980 (1981). Two sheets. Lat 67° to 68°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 32 by 46 inches; sheet 2, 32 by 42 inches.

MF-1176-B. Map and interpretation of the structural geology of the Survey Pass quadrangle, Brooks Range, ALASKA, by D. J. Grybeck and S. W. Nelson. 1981. Lat 67° to 68°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 28 by 36 inches.

MF-1176-E. Map of anomalous rock samples and histograms of trace metals in rocks of the Survey Pass quadrangle, Brooks Range, ALASKA, by D. J. Grybeck, S. K. McDanal, E. F. Cooley, and R. M. O'Leary. 1981. Lat 67° to 68°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 42 by 58 inches.

MF-1176-F. Mineral deposit map of the Survey Pass quadrangle, Brooks Range, ALASKA, by D. J. Grybeck and S. W. Nelson. 1981. Lat 67° to 68°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 41 by 47 inches.

MF-1176-H. Maps showing interpretation of Landsat imagery of the Survey Pass quadrangle, Brooks Range, ALASKA, by J. R. Le Compte. 1981. Two sheets. Lat 67° to 68°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 35 by 40 inches; sheet 2, 26 by 39 inches.

MF-1185-A. Generalized bedrock geologic map of the John Muir Wilderness, Fresno, Inyo, and Mono Counties, CALIFORNIA, by E. A. du Bray. 1981. Two sheets. Sheet 1, lat about 36°45′ to about 37°45′, long about 118°30′ to 119°30′, 34 by 39 inches; sheet 2, lat about 36°30′ to about 37°30′, long 118° to 118°30′, 28 by 36 inches. Scale 1:125,000 (1 inch = about 2 miles).

MF-1196-C. Map showing mineral-resource potential of the King Range and Chemise Mountain Instant Study Areas, Humboldt and Mendocino Counties, CALIFORNIA, by R. J. McLaughlin, D. H. Sorg, H. N. Ohlin, and E. C. Beutner, U.S. Geological Survey, and T. J. Peters, U.S. Bureau of Mines. 1981. Lat about 40° to about 40°15′, long about 124° to about 124°15′. Sheet 20 by 38 inches. (Accompanied by 20-page text.)

MF-1201-A. Geologic map of the Mokelumne Wilderness and contiguous Rare II further planning areas, central Sierra Nevada, CALIFORNIA, by E. H. McKee and R. A. Howe. 1981. Lat about 38°25′ to about 38°55′, long 119°45′ to 120°15′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 36 by 51 inches.

MF-1201-B. Aeromagnetic map of the Mokelumne Wilderness and contiguous Rare II further planning areas, central Sierra Nevada, CALIFORNIA, by Donald Plouff and E. H. McKee. 1981. Lat 38°25′ to about 38°45′, long 119°45′ to 120°15′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 35 by 38 inches.

MF-1204-B. Maps showing mineral resource potential of the Virgin Mountains Instant Study Area, Clark County, NEVADA, by R. K. Hose and R. R. Carlson, U.S. Geological Survey, and F. E. Federspiel and J. D. Huffsmith, U.S. Bureau of Mines. 1981. Lat 36°30′ to about 36°40′, long 114° to 114°15′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 25 by 34 inches. (Accompanied by 2-page text.)

MF-1208. Land use and land cover 1972-77, Culpeper Basin, VIRGINIA-MARYLAND. 1980 (1981). Lat about 38°15′ to about 39°15′, long about 77°15′ to about 78°15′. Scale 1:125,000 (1 inch = about 2 miles). Sheet 32 by 48 inches.

MF-1214-A. Geologic map of the Baker-Cypress BLM Roadless Area and Timbered Crater Rare II Areas, Modoc, Shasta, and Siskiyou Counties, CALIFORNIA, by J. A. Peterson and L. M. Martin. 1980. Lat 41°05′ to 41°15′, long 121°20′ to about 121°30′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 28 by 33 inches. (Reprint.)

MF-1214-B. Mineral resource potential of the Baker-Cypress BLM Instant Study Area and Timbered Crater Forest Service Further Planning (Rare II) Areas, Modoc, Shasta, and Siskiyou Counties, CALIFORNIA, by J. A. Peterson and L. M. Martin, U.S. Geological Survey, and L. E. Esparza and G. J. Cwick, U.S. Bureau of Mines. 1981. Lat 41°05′ to 41°15′, long 121°20′ to about 121°30′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 25 by 29 inches.

MF-1214-C. Map showing aeromagnetic interpretation of the Baker-Cypress BLM Instant Study Area and Timbered Crater forest service further planning areas, Modoc, Shasta, and Siskiyou Counties, CALIFORNIA, by Andrew Griscom. 1981. Lat 41°05′ to 41°15′, long 121°20′ to 121°35′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 23 by 29 inches.

MF-1217. Preliminary map showing recently active breaks along the Maacama fault zone between Hopeland and Laytonville, Mendocino County, CALIFORNIA, by E. H. Pampeyan, P. W. Harsh, and J. M. Coakley. 1981. Two sheets. Lat 38°52′30″ to

39°45', long 123° to about 123°30'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 1, 41 by 58 inches; sheet 2, 42 by 51 inches. (Accompanied by 9-page text.) (Supersedes Open-file report 80-662.)

MF-1227. Map of marine magnetic data from Shelikof Strait to Sutwik Island, ALASKA, by M. A. Fisher, G. W. Moore, R. von Huene, and P. H. McClelian. 1981. Lat 56° to 59°, long 152° to 158°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 34 by 42 inches.

MF-1231-A. Geologic map of the Golden Trout Wilderness, southern Sierra Nevada, CALIFORNIA, by E. A. du Bray and D. A. Dellinger. 1981. Lat about 36°10' to about 36°20', long about 118°05' to about 118°40'. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 39 by 56 inches.

MF-1232. Maps showing geology of East and West Flower Garden Banks, northwest Gulf of Mexico, by A. R. Trippet. 1980 (1981). Sheet 43 by 49 inches.

MF-1234. Surficial geologic map of the Killik River quadrangle, ALASKA, by T. D. Hamilton. 1980 (1981). Lat 68° to 69°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 32 by 49 inches.

MF-1236-A. Geologic map of the Hunter-Fryingpan wilderness area and the Porphyry Mountain Wilderness Study Area, Pitkin County, COLORADO, by Steve Ludington and R. A. Yeoman. 1980 (1981). Lat about 39°07'30" to about 39°22'15", long about 106°30' to about 106°53'30". Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 32 by 48 inches.

MF-1236-B. Geochemical map of the Hunter-Fryingpan Wilderness Area and Porphyry Mountain Wilderness Study Area, Pitkin County, COLORADO, by Steve Ludington and R. A. Yeoman. 1980 (1981). Lat about 39°07'30" to 39°22'15", long about 106°30' to 106°53'30". Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 32 by 54 inches.

MF-1236-D. Mineral resource potential of the Hunter-Fryingpan Wilderness and the Porphyry Mountain Wilderness Study Area, Pitkin County, COLORADO, by Steve Ludington, U.S. Geological Survey and C. E. Ellis, U.S. Bureau of Mines. 1981. Lat about 39°03'30" to 39°22'15", long about 106°30' to 106°53'30". Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 34 by 43 inches. (Accompanied by 4-page text.)

MF-1240-A. Geologic map of the Kalmiopsis Wilderness Area, OREGON, by N. J. Page, Floyd Gray, J. K. Cannon, M. P. Foose, Bruce Lipin, B. C. Moring, S. W. Nicholson, M. G. Sawlin, Alison Till, and W. P. Ziemianski. 1981. Lat 42° to 42°30', long 123°45' to 124°15'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 35 by 42 inches.

MF-1240-B. Map showing distribution of serpentine minerals, density, and magnetic susceptibility of rocks from the Kalmiopsis Wilderness, southwestern OREGON, by J. B. Barnard, N. J. Page, R. J. Blakely, W. P. Ziemianski, C. A. Banister, and J. R. Giusso. Lat 42° to 42°30', long 123°45' to 124°15'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 35 by 44 inches.

MF-1241. Bedrock geologic maps of the Boston North, Boston South, and Newton quadrangles, MASSACHUSETTS, by C. A. Kaye. 1980 (1981). Two sheets. Lat 42°15' to 42°30', long 71° to 71°15'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 1, 43 by 51 inches; sheet 2, 37 by 51 inches.

F-1242. Atlantic Coastal Plain geomorphology illustrated by computer-generated block diagrams, by B. W. Blackwelder and T. M. Cronin. 1981. Lat 30° to 39°, long 76° to 82°. Sheet 44 by 51 inches.

MF-1243-B. Aeromagnetic map of the Big Snowies Wilderness and contiguous Rare II Study Areas, Fergus, Golden Valley, and Wheatland Counties, MONTANA, by C. L. Long. 1981. Lat 46°30′ to 47°, long 109° to 109°45′. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 31 by 38 inches.

MF-1243-C. Complete Bouguer gravity map of the Big Snowies Wilderness and contiguous Rare II Study Areas, Fergus, Golden Valley, and Wheatland Counties, MONTANA, by C. L. Long. 1981. Lat 46°30′ to 47°, long 109° to 109°45′. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 32 by 48 inches.

MF-1243-E. Map showing mineral resource potential of the Big Snowies Wilderness and Contiguous Further Planning Areas (Rare II), Fergus and Golden Valley Counties, MONTANA, by D. A. Lindsey, U.S. Geological Survey and F. E. Federspiel and J. D. Huffsmith, U.S. Bureau of Mines. 1981. Lat 46°30′ to 47°, long 109° to 109°45′. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 29 by 45 inches. (Accompanied by 2-page text.)

MF-1252. Appearance and distribution of the gas hydrate reflection in the Blake Ridge region, offshore Southeastern United States, by C. K. Paull and W. P. Dillon. 1981. Lat 30° to 35°, long 73° to 78°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 36 by 41 inches. (Supersedes Open-file report 80-88.)

MF-1254. Preliminary aerial photographic interpretative map showing features related to the May 18, 1980, eruption of Mount St. Helens, WASHINGTON. 1980. Lat 46° to 46°30′, long 122° to 122°30′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 27 by 41 inches. (Reprint.)

MF-1255. Geologic map of the Delano Peak SW quadrangle, Beaver County, UTAH, by J. J. Anderson, J. M. Sigmund, C. G. Cunningham, T. A. Steven, J. C. Lanigan, and P. D. Rowley. 1980 (1981). Lat 38°15′ to 38°22′30″, long 112°22′30″ to 112°30′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 30 by 32 inches.

MF-1256. Geologic map of the Whitewater quadrangle, southeastern MISSOURI, by D. H. Amos. 1981. Lat 37°07′30″ to 37°15′, long 89°45′ to 89°52′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 37 inches.

MF-1258. Maps showing composition of surficial sediments on the insular shelf of southwestern Puerto Rico, by G. L. Shideler. 1980 (1981). Lat about 17°55′ to about 18°, long about 67°10′ to 67°20′. Sheet 36 by 47 inches.

MF-1259. Geologic map of the south half of the Ammon quadrangle, Bingham and Bonneville Counties, IDAHO, by R. W. Allmendinger. 1980 (1981). Lat 43°15′ to 43°22′30″, long 111°45′ to 112°. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 47 inches.

MF-1263. Geologic map of the Redrock NW quadrangle, Grant County, NEW MEXICO, by D. C. Hedlund. 1980 (1981). Lat 32°37′30″ to 32°45′, long 108°37′30″ to 108°45′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 41 inches.

MF-1264. Geologic map of the Redrock NE quadrangle, Grant County, NEW MEXICO, by D. C. Hedlund. 1980 (1981). Lat 32°37′30″ to 32°45′, long 108°30′ to 108°37′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 30 by 46 inches.

MF-1267-A. Geologic map, cross sections, generalized columnar section, and structure contour map of the Otter Creek Wilderness, Randolph and Tucker Counties, WEST VIRGINIA, by R. C. Warlow. 1981. Lat 38°55′ to 39°05′, long about 79°35′ to 79°45′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 27 by 39 inches.

MF-1267-B. Reconnaissance geochemistry of the Otter Creek Wilderness, Randolph and Tucker Counties, WEST VIRGINIA, by N. A. Wright. 1981. Lat 38°55′ to 39°05′, long about 79°35′ to about 79°42′30″. Sheet 29 by 34 inches.

MF-1267-C. Maps showing mines, quarries, prospects, and exposures in the Otter Creek Wilderness, Randolph and Tucker Counties, WEST VIRGINIA, by P. T. Behum and P. C. Mory, U.S. Bureau of Mines. 1981. Sheet 21 by 23 inches.

MF-1267-D. Oil and gas resources of the Otter Creek wilderness, Randolph and Tucker Counties, WEST VIRGINIA, by E. G. A. Weed. 1981. Scale 1:250,000 (1 inch = about 4 miles). Sheet 32 by 34 inches.

MF-1267-E. Maps showing mineral resource potential of the Otter Creek Wilderness, Randolph and Tucker Counties, WEST VIRGINIA. 1981. Two sheets. Lat 38°55′ to 39°05′, long 79°35′ to 79°42′30″. Sheet 1, Coal resource maps, by R. C. Warlow, U. S. Geological Survey, 37 by 51 inches; sheet 2, Coal reserve base maps, by P. T. Behum and P. C. Mory, U. S. Bureau of Mines, 44 by 48 inches. (Accompanied by 12-page text.)

MF-1268. Geologic map of the Powell Mountain quadrangle, Mineral County, NEVADA, by J. H. Stewart and D. C. Johannesen, *with* Surficial geology, by J. C. Dohrenwend. 1981. Lat 38°15′ to 38°30′, long 118°30′ to 118°45′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 26 by 36 inches.

MF-1270. Bathymetric map of the Continental Slope and uppermost Continental Rise between Lindenkohl Canyon and South Toms Canyon, offshore Eastern United States, by J. M. Robb, J. R. Kirby, and J. C. Hampson. 1981. Lat 38°35′ to 39°05′, long 72°25′ to 73°. Scale 1:72,913 (1 inch = about 6,000 feet). Sheet 31 by 37 inches.

MF-1271-A. Geologic map of the Cheat Mountain Further Planning Area, Randolph County, WEST VIRGINIA, by K. J. Englund, W. R. Sigleo, and N. K. Teaford. 1981. Lat about 38°45′ to about 38°47′30″, long about 79°45′ to about 79°50′. Sheet 28 by 28 inches.

MF-1272. Trench log, geologic map, and results of geophysical studies of lineaments in the McFarland area, Kern County, CALIFORNIA, by J. A. Bartow, D. E. Marchand, J. C. Tinsley, and M. P. Doukas. 1981. Sheet 38 by 53 inches.

MF-1273-A. Geologic map of the Granite Chief Wilderness Study Area and adjacent parts of the Sierra Nevada, CALIFORNIA, by D. S. Harwood. 1981. Lat about 39°05′ to about 39°15′, long about 120°15′ to about 120°20′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 36 by 44 inches.

MF-1274. Geologic map of the Beaver SE quadrangle, Beaver County, UTAH, by J. J. Anderson, J. C. Lanigan, C. G. Cunningham, and C. W. Naeser. 1981. Lat 38°15′ to 38°22′, long 112°30′ to 112°37′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 28 by 38 inches.

MF-1275. Maps showing textural characteristics of benthic sediments in the Corpus Christi Bay estuarine system, south TEXAS, by G. L. Shideler and C. E. Stelting, U.S. Geological Survey, and J. H. McGowen, Bureau of Economic Geology, University of Texas, Austin. 1981. Lat about 27°40′ to about 27°55′, long about 97°05′ to about 97°30′. Sheet 34 by 36 inches.

MF-1276. Interpretation of graphic data on potential geologic hazards on the Southeastern United States Atlantic Continental Shelf, by Peter Popenoe, Bradford Butman, C. K. Paull, M. M. Ball, and S. L. Pfirman. 1981. Three sheets. Lat 29° to 34°, long about 77° to 82°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 1, 29 by 43 inches; sheet 2, 39 by 54 inches; sheet 3, 27 by 39 inches.

MF-1278. Geologic map of the Mount Grant quadrangle, Lyon and Mineral Counties, NEVADA, by J. H. Stewart, M. W. Reynolds, and D. C. Johannesen. Surficial geology, by J. C. Dohrenwend. 1981. Lat 38°30′ to 38°45′, long 118°45′ to 119°. Scale 1:62,500 (1 inch = about 1 mile). Sheet 25 by 38 inches.

MF-1279. Physiographic diagrams of Mount St. Helens, WASHINGTON, showing changes i its summit crater, summer 1980, by T. R. Alpha, J. G. Moore, J. M. Morley, and D. R Jones. 1981. Sheet 34 by 40 inches.

MF-1280. Seismicity map of the State of PENNSYLVANIA, by C. W. Stover, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 40° to about 42°, long about 75° to about 80° Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 25 by 36 inches.

MF-1281. Seismicity map of the States of DELAWARE and MARYLAND, by C. W. Stover, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 38° to about 40°, long about 76° to about 79°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 22 by 32 inches.

MF-1282. Seismicity map of the State of NEW YORK, by C. W. Stover, L. M. Barnhard, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 40° to about 45°, long about 72° t about 80°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 28 by 58 inches.

MF-1283. Seismicity map of the States of CONNECTICUT and RHODE ISLAND, by C. W. Stover, L. M. Barnhard, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 41° t about 42°, long about 71° to about 73°. Scale 1:1,000,000 (1 inch = about 16 miles) Sheet 27 by 27 inches.

MF-1284. Seismicity map of the State of MAINE, by C. W. Stover, L. M. Barnhard, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 43° to about 47°, long about 67° t about 71°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 30 by 40 inches. (Supersedes MF-845.)

MF-1285. Map of geology along the Little Pine Fault, parts of the Sisquoc, Foxen Canyon, Zaca Lake, Bald Mountain, Los Olivos, and Figueroa Mountain quadrangles, Sant Barbara County, CALIFORNIA, by C. A. Hall, Jr. 1981. Two sheets. Scale 1:24,00 (1 inch = 2,000 feet). Sheet 1, lat 34°37′30″ to 34°52′30″, long about 119°58′ to about 120°17′30″, sheet 30 by 58 inches; sheet 2, lat 34°37′30″ to 34°45′, long 119°52′30″ t 120°07′30″, sheet 41 by 49 inches.

MF-1286. Geology and mineral resource potential of the Paddy Creek Wilderness Study Area, Texas County, MISSOURI, by W. P. Pratt and E. L. Mosier, U.S. Geological Survey, and Clarence Ellis, U.S. Bureau of Mines. 1981. Lat 37°30′ to 37°35′, long 92° t 92°07′30″. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 22 by 32 inches.

MF-1288-A. Geochemical survey of the Sipsey wilderness and additions, Lawrence and Winston Counties, ALABAMA, by A. E. Grosz. 1981. Lat about 34°17′30″ to about 34°25′, long about 87°17′30″ to about 87°27′30″. Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 44 by 53 inches.

MF-1289. Physiographic diagrams of the May 18, 1980, landslide-eruption of Mount St. Helens, WASHINGTON, by T. R. Alpha and J. G. Moore. 1981. Sheet 25 by 39 inches.

MF-1290-A. Geology of the Shining Rock Wilderness, Haywood County, NORTH CAROLINA, by F. G. Lesure. 1981. Lat about 35°20′ to about 35°25′, long about 82°47′30″ to about 82°55′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 25 by 29 inches.

MF-1290-B. Geochemical survey of Shining Rock Wilderness, Haywood County, NORTH CAROLINA, by F. G. Lesure. 1981. Lat about 35°20′ to about 35°25′, long about 82°47′30″ to about 82°55′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 43 by 55 inches.

MF-1291. Correlation chart for units on the geologic map of KENTUCKY, by R. C. McDowell 1981. Sheet 22 by 36 inches. (Reprint.)

MF-1292. Surficial geologic map of the Goshen quadrangle, Franklin and Hampshire Counties, MASSACHUSETTS, by C. R. Warren. 1981. Lat 42°22'30" to 42°30', long 72°45' to 72°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 30 by 47 inches.

MF-1295. Surficial geologic map of the Westport and Sherwood Point quadrangles, CONNECTICUT, by J. R. Stone and E. H. London. 1981. Lat about 41°05' to 41°15', long 73°15' to 73°22'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 39 by 41 inches.

MF-1296. Geologic map and coal resources of the Leslie Creek quadrangle, Powder River County, MONTANA, by Marguerite McLellan. 1981. Lat 45°30' to 45°37'30", long 105°37'30" to 105°45'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 39 by 56 inches.

MF-1297. Geologic map and coal resources of the Box Elder Creek quadrangle, Powder River County, MONTANA, by Marguerite McLellan. 1981. Lat 45°37'30" to 45°45', long 105°37'30" to 105°45'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 36 by 57 inches.

MF-1298. Geologic map of the Battle Creek fault zone and adjacent parts of the northern Sacramento Valley, CALIFORNIA, by E. J. Helley, D. S. Harwood, J. A. Barker, and E. A. Griffen. 1981. Lat 40° to 40°30', long 121°45' to 122°45'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 41 by 56 inches. Accompanied by 12-page text.

MF-1300. Preliminary geologic map of the Sodaville quadrangle, Mineral County, NEVADA, by R. C. Speed. 1981. Lat 38°15' to 38°22'30", long 118° to 118°07'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 33 by 33 inches.

MF-1301. Maps showing reconnaissance geochemistry in the Gold-Pyrophyllite Belt of northwestern Moore County, NORTH CAROLINA, by F. G. Lesure. 1981. Lat about 35°20' to about 35°30', long 79°22'30" to about 79°42'30". Sheet 41 by 52 inches.

MF-1302. Map showing paleontological control of Paleozoic stratigraphy in New England, by M. P. Billings and P. T. Lyttle. 1981. Lat about 41° to about 47°, long about 66° to about 74°. Sheet 40 by 47 inches.

MF-1303-A. Geologic map of the Deschutes Canyon further planning area (Rare II), Jefferson and Deschutes Counties, OREGON, by G. W. Walker. 1981. Lat 44°22'30" to 44°35', long 121°15' to 121°30'. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 25 by 26 inches.

MF-1304. A geologic profile of the Sankaty Head Cliff, Nantucket Island, MASSACHUSETTS, by R. N. Oldale, D. M. Eskenasy, and N. C. Lian. 1981. Sheet 19 by 29 inches.

MF-1305. Map showing the oxygen isotope composition of granitoid rocks of the Basin-Range Province, by D. E. Lee, Irving Friedman, and J. D. Gleason. 1981. Lat 31° to 43°, long 109° to 121°. Scale 1:3,168,000 (1 inch = 50 miles). Sheet 23 by 36 inches.

MF-1306. Free-air gravity anomaly map, Cross Sound to Icy Bay, northern Gulf of ALASKA, by T. R. Bruns, T. J. Atwood, and J. R. Childs. 1981. Lat 57°30' to about 60°, long 136° to about 142°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 31 by 40 inches.

MF-1307. Free-air gravity anomaly map, Dixon entrance to Cross Sound, northeastern Gulf of ALASKA, by T. R. Bruns, J. R. Childs, and Thomas Atwood. 1981. Lat 54°30' to 57°30', long 133° to 138°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 32 by 34 inches.

MF-1309. Geologic map of the Rogers Pass quadrangle, Lewis and Clark County, MONTANA, by J. W. Whipple and M. L. Bregman. 1981. Lat 47° to 47°07'30", long 112°15' to 112°22'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 31 by 33 inches.

MF-1311. Structure contours and overburden on the top of the mahogany bed, Green River Formation, eastern part of the Uinta Basin, Uintah, Duchesne, and Carbon Counties, UTAH, and Rio Blanco County, COLORADO, by M. C. Smith. 1981. Lat 39°30′ to about 40°15′, long 109° to 110°. Scale 1:126,720 (1 inch = 2 miles). Sheet 34 by 34 inches.

MF-1312. Geologic map and coal resources of the Thompson Creek area, Big Horn County, MONTANA, by W. J. Mapel and J. K. Griffith. 1981. Two sheets. Lat about 45°22′30″ to about 45°30′, long 107° to 107°15′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 1, 42 by 56 inches; sheet 2, Thickness of coal and overburden for selected beds, 34 by 43 inches.

MF-1313-A. Geologic map of the Escalante Canyon Instant Study Area, Garfield County, UTAH, by G. W. Weir and L. S. Beard. 1981. Lat 37°40′ to 37°55′, long 111°05′ to 111°30′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 36 by 44 inches.

MF-1313-B. Mines and prospects map of the Escalante Canyon Instant Study Area, Garfield County, UTAH, by M. E. Lane, U.S. Bureau of Mines. 1981. Lat about 37°37′30″ to about 37°55′, long about 111°05′ to 111°30′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 41 by 50 inches.

MF-1314. Geologic map of the Phipps-Death Hollow Instant Study Area, Garfield County, UTAH, by G. W. Weir and L. S. Beard. 1981. Lat 37°42′30″ to about 37°52′30″, long about 111°25′ to 111°37′30″. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 21 by 32 inches.

MF-1315-A. Geologic map of the Gila-San Francisco Wilderness Study Area, Graham and Greenlee Counties, ARIZONA, by D. H. Richter and V. A. Lawrence. 1981. Lat about 32°50′ to about 33°10′, long about 109°15′ to about 109°45′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 31 by 35 inches.

MF-1316. Geologic map of the Chaffee quadrangle, Scott and Cape Girardeau Counties, MISSOURI, by D. H. Amos. 1981. Lat 37°07′30″ to 37°15′, long 89°37′30″ to 89°45′. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 37 inches.

MF-1317-A. Geologic map of the Benton Range further planning (Rare II) area, Mono County, CALIFORNIA, by E. H. McKee and J. L. Donahoe. 1981. Lat 37°35′ to 37°50′, long 118°25′ to 118°40′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 24 by 32 inches.

MF-1318. Geologic map of the Grand Gulch Instant Study Area, San Juan County, UTAH, by G. W. Weir. 1981. Lat about 37°15′ to about 37°35′, long about 109°55′ to about 110°20′. Scale 1:62,500 (1 inch = about 1 mile). Sheet 30 by 42 inches.

MF-1319-A. Geologic map of the Box-Death Hollow further planning area (Rare II), Garfield County, UTAH, by G. W. Weir and L. S. Beard. 1981. Lat 37°50′ to 38°, long 111°22′30″ to 111°45′. Scale 1:48,000 (1 inch = 4,000 feet). Sheet 30 by 34 inches.

MF-1320. Surficial geologic map of the Survey Pass quadrangle, ALASKA, by T. D. Hamilton. 1981. Lat 67° to 68°, long 153° to 156°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 30 by 39 inches.

MF-1323. Seismicity map of the State of MINNESOTA, by C. W. Stover, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 44° to 49°, long about 90° to about 97°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 31 by 41 inches.

MF-1324. Seismicity map of the State of IOWA, by C. W. Stover, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 41° to about 43°, long about 91° to about 96°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 25 by 32 inches.

MF-1325. Seismicity map of the State of SOUTH DAKOTA, by B. G. Reagor, C. W. Stover, and S. T. Algermissen. 1981. Lat 42° to 46°, long about 97° to 104°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 25 by 43 inches.

MF-1326. Seismicity map of the State of NORTH DAKOTA, by B. G. Reagor, C. W. Stover, and S. T. Algermissen. 1981. Lat about 46° to about 49°, long about 97° to about 104°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 20 by 42 inches.

MF-1327-B. Mines, prospects, mining claims, and sample localities of the Dark Canyon Instant Study Area and vicinity, San Juan County, UTAH, by T. D. Light, U. S. Bureau of Mines. 1981. Scale 1:62,500 (1 inch = about 1 mile). Sheet 36 by 51 inches.

MF-1328. Preliminary geologic map of the Desert Gulch quadrangle, Garfield County, COLORADO, by R. C. Johnson. 1981. Lat 39°30' to 39°37'30", long 108°22'30" to 108°30'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 33 by 38 inches.

MF-1329. Geologic map of the Marysvale NE quadrangle, Piute County, UTAH, by P. D. Rowley, P. L. Williams, J. J. Anderson, and A. M. Kaplan. 1981. Lat 38°22'30" to 38°30', long 112° to 112°07'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 49 inches.

MF-1330. Geologic map of the Monroe NE quadrangle, Sevier County, UTAH, by P. D. Rowley, T. A. Steven, and A. M. Kaplan. 1981. Lat 38°37'30" to 38°45', long 112° to 112°07'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 28 by 43 inches.

MF-1331. Geologic map of the Monroe SE quadrangle, Sevier and Piute Counties, UTAH, by P. D. Rowley, C. G. Cunningham, and A. M. Kaplan. 1981. Lat 38°30' to 38°37'30", long 112° to 112°07'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 29 by 44 inches.

MF-1333. Preliminary geologic map of the Swasey Peak and Swasey Peak NW quadrangles, Millard County, UTAH, by L. F. Hintze. 1981. Lat 39°22'30" to 39°30', long 113°15' to 113°30'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 37 by 45 inches.

MF-1334. Preliminary geologic map of the Tunnel Spring quadrangle, Millard County, UTAH, by L. F. Hintze. 1981. Lat 38°37'30" to 38°45', long 113°45' to 113°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 32 by 33 inches.

MF-1335. Preliminary geologic map of the Whirlwind Valley NW and Whirlwind Valley SW quadrangles, Millard County, UTAH, by L. F. Hintze. 1981. Lat 39°15' to 39°30', long 113°07'30" to 113°15'. Scale 1:24,000 (1 inch = 2,000 feet). Sheet 27 by 57 inches.

MF-1336. Geologic map and coal sections of the Reservoir Creek quadrangle, Campbell County, WYOMING, by B. H. Kent and L. J. Berlage. 1981. Two sheets. Lat 44°45' to 44°52'30", long 105°45' to 105°52'30". Scale 1:24,000 (1 inch = 2,000 feet). Sheet 1, 29 by 43 inches; sheet 2, Composite measured sections using Smith coal bed as datum, sheet 43 by 46 inches.

MF-1341-A. Geologic map of the Troublesome roadless area, McCreary County, KENTUCKY, by W. R. Sigleo and A. H. Randall III. 1981. Lat 36°35' to 36°40', long 84°35' to 84°45'. Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 22 by 33 inches.

MF-1342-B. Mineral resource potential map of the Centennial Mountains Wilderness Study Area and contiguous areas, IDAHO and MONTANA, by I. J. Witkind and L. C. Huff, U.S. Geological Survey, and James Ridenour, M. D. Conyac, and R. B. McCulloch, U.S. Bureau of Mines. 1981. Lat about 44°27'30" to about 44°35', long 111°20' to about 112°10'. Scale 1:50,000 (1 inch = about 4,200 feet). Sheet 35 by 58 inches. (Accompanied by 7-page text.)

MF-1344-B. Geophysical surveys of the Hells Hole further planning area (Rare II), Greenlee County, ARIZONA, and Grant County, NEW MEXICO, by R. A. Martin. 1981. Lat 32°52'30" to 33°09', long 108°55' to 109°10'. Scale 1:62,500 (1 inch = about 1 mile). Sheet 34 by 40 inches.

MF-1350. Seismicity map of the State of NEBRASKA, by B. G. Reagor, C. W. Stover, and S. T. Algermissen. 1981. Lat about 40° to about 43°, long about 96° to about 104°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 30 by 41 inches.

MF-1351. Seismicity map of the State of KANSAS, by C. W. Stover, B. G. Reagor, and S. T. Algermissen. 1981. Lat about 37° to about 40°, long about 95° to about 102°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 29 by 35 inches.

MF-1352. Seismicity map of the State of OKLAHOMA, by C. W. Stover, B. G. Reagor, S. T. Algermissen, and J. E. Lawson, Jr. 1981. Lat about 34° to about 37°, long about 95° to about 103°. Scale 1:1,000,000 (1 inch = about 16 miles). Sheet 32 by 40 inches.

MF-1354-A. Generalized geologic map of the Wallace 1° by 2° quadrangle, MONTANA and IDAHO, by J. E. Harrison, A. B. Griggs, and J. D. Wells. 1981. Lat 47° to 48°, long 114° to 116°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 34 inches.

MF-1360. A compilation of subsea energy and mineral resources of the United States including its possessions and trust territory of the Pacific Islands, by A. F. Holser, R. W. Rowland, and M. R. Goud. 1981. Lat about 10°S to 70°N, long about 50°W to 120°E. Scale 1:20,000,000 (1 inch = about 340 miles). Sheet 30 by 49 inches.

SPECIAL GEOLOGIC MAPS

Geologic Map of NEVADA, compiled by J. H. Stewart and J. E. Carlson. 1978. Two sheets. Lat 35° to 42°, long about 114° to 120°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 1, 41 by 45 inches; sheet 2, 30 by 45 inches. (Available unfolded only.) (Reprint.)

Geologic map of KENTUCKY, by R. C. McDowell, G. J. Grabowski, Jr., and S. L. Moore. 1981. Four sheets. Lat about 37° to about 39°, long about 82° to about 89°. Scale 1:250,000 (1 inch = about 4 miles). Sheets 1, 2, and 3, 42 by 58 inches; sheet 4, 17 by 58 inches. (Available unfolded only.)

Metallogenic map of North America. Prepared by the North American Metallogenic Map Committee; P. W. Guild, Chairman and Chief Compiler, W. D. McCartney and G. B. Leech, Canada, Gabriel Dengo, Central America, K. Ellitsgaard-Rasmussen, Greenland, G. P. Salas and J. G. Reyna, Mexico. 1981. Four sheets. Lat about 8° to about 84°, long 52° to about 172°. Scale 1:5,000,000 (1 inch = about 24 miles). Sheet 1, 2, and 3, 33 by 40 inches; sheet 4, 40 by 41 inches. (Available unfolded only.)

HYDROLOGIC INVESTIGATIONS ATLASES

HA-0615. Water resources of Nantucket Island, MASSACHUSETTS, by E. H. Walker. 1980 (1981). Two sheets. Lat 41°15' to 41°23', long 69°57'30" to 70°17'30". Scale 1:48,000 (1 inch = 4,000 feet). Both sheets 29 by 41 inches. (Supersedes Open-file report 79-0558.)

HA-0616. Hydrology and water resources of the Lower Merrimack River basin, MASSACHUSETTS, from Concord River, Lowell, to Plum Island, Newburyport, by F. B. Gay and D. F. Delaney. 1980 (1981). Four sheets. Lat about 42°30' to about 44°30', long about 70°30' to about 71°30'. Scale 1:48,000 (1 inch = 4,000 feet). Sheets 1, 3 and 4, 29 by 42 inches; sheet 2, 29 by 38 inches. (Supersedes Open-file report 79-557.)

HA-0643. Geologic structure, hydrology, and water quality of the Dawson aquifer in the Denver Basin, COLORADO, by S. G. Robson, U.S. Geological Survey, and J. C. Romero, Colorado Division of Water Resources. 1981. Three sheets. Lat about 39° to about 39°45', long about 104°30' to about 105°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 1, 29 by 44 inches; sheet 2, 23 by 38 inches; sheet 3, 25 by 36 inches.

HA-0646. Geologic structure, hydrology, and water quality of the Denver aquifer in the Denver basin, COLORADO, by S. G. Robson, U.S. Geological Survey, and J. C. Romero, Colorado Division of Water Resources. 1981. Three sheets. Lat about 39° to 40°, long about 104° to about 105°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 1, 27 by 37 inches; sheet 2, 22 by 26 inches; sheet 3, 27 by 30 inches.

HA-0647. Geologic structure, hydrology, and water quality of the Arapahoe aquifer in the Denver Basin, COLORADO, by S. G. Robson, U.S. Geological Survey, and J. C. Romero and Stanley Zawistowski, Colorado Division of Water Resources. 1981. Three sheets. Lat about 39° to about 40°, long about 104° to about 105°. Scales 1:500,000 (1 inch = about 8 miles) and 1:250,000 (1 inch = about 4 miles). Sheet 1, 36 by 41 inches; sheet 2, 27 by 40 inches; sheet 3, 33 by 40 inches.

HA-0648. Bedrock geology, altitude of base, and 1980 saturated thickness of the High Plains aquifer in parts of COLORADO, KANSAS, NEBRASKA, NEW MEXICO, OKLAHOMA, SOUTH DAKOTA, TEXAS, and WYOMING, by J. B. Weeks and E. D. Gutentag. 1981. Two sheets. Lat about 32° to about 43°, long 96° to 106°. Scale 1:2,500,000 (1 inch = about 40 miles). Both sheets 29 by 41 inches.

HA-0650. Geologic structure, hydrology, and water quality of the Laramie-Fox Hills aquifer in the Denver Basin, COLORADO, by S. G. Robson, U.S. Geological Survey, and Andrew Wacinski, Stanley Zawistowski, and J. C. Romero, Division of Water Resources, Office of the State Engineer. 1981. Lat about 39° to about 40°, long about 104° to about 105°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 1, 35 by 41 inches; sheet 2, 26 by 45 inches; sheet 3, 31 by 42 inches.

HA-0652. Water-level and saturated-thickness changes, predevelopment to 1980, in the High Plains aquifer in parts of COLORADO, KANSAS, NEBRASKA, NEW MEXICO, OKLAHOMA, SOUTH DAKOTA, TEXAS, and WYOMING, by R. R. Luckey, E. D. Gutentag, and J. B. Weeks. 1981. Two sheets. Lat about 32° to about 43°, long about 96° to about 106°. Scale 1:2,500,000 (1 inch = about 40 miles). Sheet 1, Predevelopment to 1980 water-level changes, 29 by 41 inches; sheet 2, Predevelopment to 1980 saturated-thickness changes, 29 by 41 inches.

HYDROLOGIC UNIT MAPS

ALABAMA. 1974. Lat about 30° to about 35°, long about 85° to about 88°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 33 by 46 inches. (Reprint.)

MAINE. 1974. Lat about 43° to about 47°, long about 67° to about 71°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 29 by 43 inches. (Reprint.)

NEW YORK. 1974. Lat about 41° to 45°, long about 72° to about 80°. Scale 1:500,000 (1 inch = about 8 miles). Sheet 43 by 56 inches. (Reprint.)

LAND USE AND LAND COVER MAPS

The U.S. Geological Survey is now publishing its land use and land cover maps in a new two-color series. L-series maps have land use and land cover information printed in black over planimetric base map information such as transportation features, streams and lakes, locational grids, and place names in another color.

These maps have been available previously through the Survey's open-file procedure. Along with their associated maps (political units, census county subdivision, hydrologic units, and Federal land ownership), reproducible copies of the land use and land cover maps will continue to be available in black-line format, on a variety of materials, from the open file.

L-0089. Land use and land cover, 1973-76, Dothan, ALABAMA; GEORGIA; FLORIDA. 1981. Lat 31° to 32°, long 84° to 86°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 36 inches.

L-0102. Land use and land cover, 1976-77, Charlotte, NORTH CAROLINA; SOUTH CAROLINA. 1981. Lat 35° to 36°, long 80° to 82°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 23 by 34 inches.

L-0103. Land use and land cover, 1974-77, Greensboro, NORTH CAROLINA; VIRGINIA. 1981. Lat 36° to 37°, long 78° to 80°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 34 inches.

L-0109. Land use and land cover, 1973-76, Bluefield, WEST VIRGINIA; VIRGINIA; KENTUCKY. 1981. Lat 37° to 38°, long 80° to 82°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 34 inches.

L-0110. Land use and land cover, 1973-75, Clarksburg, WEST VIRGINIA; OHIO; PENNSYLVANIA. 1981. Lat 39° to 40°, long 80° to 82°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 23 by 33 inches.

L-0113. Land use and land cover, 1974-76, Baltimore, MARYLAND; PENNSYLVANIA; VIRGINIA; WEST VIRGINIA. 1981. Lat 39° to 40°, long 76° to 78°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 33 inches.

L-0118. Land use and land cover, 1975-76, Denver, COLORADO. 1981. Lat 39° to 40°, long 104° to 106°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 24 by 33 inches.

L-0120. Land use and land cover, 1973-76, Bakersfield, CALIFORNIA. 1981. Lat 35° to 36°, long 118° to 120°. Scale 1:250,000 (1 inch = about 4 miles). Sheet 23 by 34 inches.

L-0122. Land use and land cover, 1976-78, Honolulu County, HAWAII. 1981. Lat 21°15′ to 21°45′, long 157°37′30″ to 158°17′30″. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 27 by 33 inches.

L-0124. Land use and land cover, 1976-78, Hawaii County, HAWAII. 1981. Lat 19°30′ to 20°17′30″, long 155°22′30″ to 156°05′. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 35 by 39 inches. (Sheet 1 of 3.) (Sheet 2 of 3 is map L-126; sheet 3 of 3 is map L-127.)

L-0126. Land use and land cover, 1976-78, Hawaii County, HAWAII. 1981. Lat 19°10′ to 20°06′, long 154°45′ to 155°22′30″. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 31 by 46 inches. (Sheet 2 of 3.) (Sheet 1 of 3 is map L-124; sheet 3 of 3 is map L-127.)

L-0127. Land use and land cover, 1976-78, Hawaii County, HAWAII. 1981. Lat 18°52′30″ to 19°30′, long 155°22′30″ to 156°05′. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 33 by 35 inches. (Sheet 3 of 3.) (Sheet 1 of 3 is map L-124; sheet 2 of 3 is map L-126.)

L-0128. Land use and land cover, 1976-78, Kauai County, HAWAII. 1981. Lat 21°45′ to 22°15′, long 159°16′ to 160°16′. Scale 1:100,000 (1 inch = about 1.6 miles). Sheet 27 by 47 inches.

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ABBREVIATIONS USED

B	Bulletin
C	Circular
C-	Coal Investigations Map
GP-	Geophysical Investigations Map
GQ-	Geologic Quadrangle Map
HA-	Hydrologic Investigations Atlas
I-	Miscellaneous Investigations Series
L-	Land Use and Land Cover Map
MF-	Miscellaneous Field Studies Map
OC-	Oil and Gas Investigations Chart
OF	Open-File Report
P	Professional Paper
p.	Page number of publications having no series designation
PB-, ADA	Report available only through the National Technical Information Service
TWI	Techniques of Water-Resources Investigations
W	Water-Supply Paper

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